

Cumberland Valley Area Occupational Outlook to 2014

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Cumberland Valley Area Occupational Outlook to 2014

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Kentucky Education Cabinet**

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PREFACE

The information and projections contained in this publication are based on a broad range of labor market information and statistics that are collected and analyzed by the staff of the Labor Market Information (LMI) section.

The Occupational Employment Statistics (OES) survey of approximately 20,000 Kentucky employers provided the occupational employment data used in the study. The data obtained from the Current Employment Statistics (CES) and the Quarterly Census of Employment and Wages (QCEW) programs were used to project industries to the year 2014. Staff utilized data from all programs to project the 2014 occupational outlook publications for each of the ADDs below:

ADD 1-Purchase Area	ADD 8&9-Buffalo Trace and Gateway Areas
ADD 2-Pennyrile Area	ADD 10-FIVCO Area
ADD 3-Green River Area	ADD 11-Big Sandy Area
ADD 4-Barren River Area	ADD 12-Kentucky River Area
ADD 5-Lincoln Trail Area	ADD 13-Cumberland Valley Area
ADD 6-Louisville (KIPDA) Area	ADD 14-Lake Cumberland Area
ADD 7-Northern Kentucky Area	ADD 15-Bluegrass Area

The U.S. Department of Labor (USDOL), Employment and Training Administration (ETA) provided funding for the publication and projections. The national industry and occupational projections developed by the U. S. Department of Labor, Bureau of Labor Statistics (BLS), were used in conjunction with state and regional trends to project Kentucky's industries and occupations. The Bureau of Labor Statistics and the U.S. Department of Commerce, Bureau of Economic Analysis, provided additional statistics necessary in the projection process. The Utah Department of Economic Security developed the personal computer-based model used for the projections. Special thanks to Kentucky employers who completed the questionnaires that provide the employment information necessary to complete this project.

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INTRODUCTION

Cumberland Valley Area

Which jobs will be in demand? Which occupations will provide the largest number of job openings? Which are likely to grow or decline? The *Cumberland Valley Area Occupational Outlook to 2014* offers answers and insight regarding these often-asked questions. Students, job seekers, counselors, and others will find this information beneficial.

Tables listing the 45 occupations with the largest number of annual job openings and the fastest-growing occupations are included. They also provide occupational employment projections, the number and percentage of expected change, and the average number of annual job openings for the period 2004 to 2014.

Please note that the estimates and projections are subject to limitations that are a part of any effort to determine future conditions. Long-term job trends offer insight into the occupational growth or decline in the area. The projections are carefully prepared using accepted methods within a framework of national, state and area assumptions. However, they will be modified in future publications if long-term changes occur in the area's economic outlook or as more current information becomes available.

The estimates in this report reflect only the demand for labor from 2004 through 2014. The supply, or the number of educated or trained workers available to fill future job openings, is beyond the scope of this report.

The development and utilization of our human resources is always a priority for those concerned with employment training. It is crucial that education and training planners, business, labor, government, and job seekers have the necessary occupational information to aid them in the development of education and training programs. This publication was intended to assist in these efforts.

NOTE: Prior to 2000, the Occupational Employment Statistics (OES) codes were used to classify occupations. The 2004-2014 projections use the Standard Occupational Classification (SOC) system. Because of this change, the titles and content of major occupational groups and many detailed occupations are substantially different from those used before 2000. Several major groups have been renamed, combined, or reorganized. Some individual occupations have been renamed, reclassified, or are no longer listed. Many newer occupations may be listed for the first time. Because of these changes, the 2004-2014 projections are not comparable to those completed before 2000. Information on the SOC system is available on the U.S. Bureau of Labor Statistics SOC Home Page <http://www.bls.gov/soc/home.htm>.

USER'S GUIDE TO OCCUPATIONAL OUTLOOK STATISTICS

When looking at an occupation, what key outlook data should you review?	1) Total average annual job openings and 2) employment change expressed as a percentage. The total number of job openings estimates the likely annual demand for workers in each occupation. The percentage of employment change shows how much each occupation is likely to grow or decline.
What creates job openings?	1) Employment growth (new jobs), 2) employment separations (job vacancies created by persons separating from an occupation).
What causes employment change?	<i>Industrial growth or decline</i> has the greatest influence. This occurs when the demand for goods and services rises, thus the demand for workers increases. <i>Technological change</i> may raise the demand for some skills while eliminating the demand for others. <i>Self-service, out-sourcing, or 24 hour operations</i> can also affect employment change.
What about employment separations?	Employment separations are still important when evaluating the potential outlook for an occupation. Job openings are created when employees separate from occupations because of retirements, promotions, career changes, death, etc. The number of separations can exceed new jobs.
Do workers tend to leave one occupation more than other occupations?	Every occupation has a different rate of employment separations. Occupations requiring more education and training and/or having a high percentage of full time workers tend to have low separation rates. Those requiring little education and/or training tend to have higher separation rates.
What factors affect the number of job openings for an occupation?	1) The number of workers who are currently employed, 2) the number of job vacancies created by worker separation, and 3) the rate of change, i.e., how fast the occupation is growing or declining.
Which factor is more important?	The size of employment and separation rate is more important than rate of change.
What is the best way to compare one occupation with another?	Look at the total average annual job openings, not just openings resulting from growth. A large number of openings indicates it should be relatively easy to find a job in that occupation. Also, consider the rate of employment change. A high percentage increase denotes there may be excellent chances for advancement and for earnings increases because demand is likely to remain strong for some time.

CUMBERLAND VALLEY HIGHLIGHTS 2004-2014

- ✓ Employment is projected to grow from 83,170 to 93,181, a gain of 12.0 percent.
- ✓ Total annual job openings are expected to be about 3,123.
- ✓ Growth in employment will create about 1,120 job openings annually.
- ✓ Approximately 2,003 job openings will result from separations from the labor force due to retirement or those who transfer to other jobs.
- ✓ Thirty-six percent of job openings will result from growth; the remaining 64 percent will result from separations from the labor force.
- ✓ The greatest number of annual job openings will be in Office and Administrative Support Occupations (383), followed by Sales and Related Occupations (382), and Food Preparation and Serving Related Occupations (355).
- ✓ Occupations with the largest percentage change are Network Systems and Data Communications Analysts (54.4%), Physician Assistants (48.1%), Home Health Aides (47.6%) and Medical Assistants (45.7%).
- ✓ The largest growth rates are likely to be in Computer Specialists Occupations (44.6%), Other Healthcare Support Occupations (33.2%), and Fire Fighting and Prevention Worker Occupations (31.7%).
- ✓ The two occupations with the largest number of annual job openings are Combined Food Preparation and Serving Workers (143) and Cashiers (141).

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Top 45
Cumberland Valley Area Occupations With The Most Annual Job Openings

Occupation Code	Occupational Title	Job Openings		
		Growth	Separations	Total
Average Annual 2004-2014				
<u>Management Occupations</u>				
11-1021	General & Operations Mgrs.	14	17	31
<u>Education, Training and Library Occupations</u>				
25-2021	Elem. School Teachers, Ex. Special Education	13	28	41
25-9041	Teacher Assistants	16	23	39
25-3099	Teachers & Instructors, All Other	17	11	28
25-2031	Sec. School Teachers, Ex. Special & Voc. Ed.	5	18	23
<u>Healthcare Practitioners and Technical Occupations</u>				
29-1111	Registered Nurses	55	40	95
29-2061	Licensed Practical & Licensed Voc. Nurses	9	16	25
<u>Healthcare Support Occupations</u>				
31-1012	Nursing Aides, Orderlies & Attendants	31	21	52
31-9092	Medical Assistants	19	8	27
<u>Food Preparation and Serving Related Occupations</u>				
35-3021	Combined Food Prep. & Serving Workers	46	97	143
35-3031	Waiters & Waitresses	16	41	57
35-2011	Cooks, Fast Food	16	24	40
35-1012	Mgrs. of Food Preparation & Serving Workers	13	16	29
35-2012	Cooks, Institution & Cafeteria	0	26	26
35-2021	Food Preparation Workers	4	13	17
<u>Building and Grounds Cleaning and Maintenance Occupations</u>				
37-2011	Janitors & Cleaners, Ex. Maids & Housekeeping	26	27	53
37-2012	Maids & Housekeeping Cleaners	9	17	26
<u>Personal Care and Service Occupations</u>				
39-9011	Child Care Workers	19	25	44
<u>Sales and Related Occupations</u>				
41-2011	Cashiers	0	141	141
41-2031	Retail Salespersons	34	101	135
41-1011	Mgrs. of Retail Sales Workers	6	29	35
41-4012	Sales Reps., Whole. & Manuf., Ex. Tech. & Sci.	6	16	22

Top 45
Cumberland Valley Area Occupations With The Most Annual Job Openings

Occupation Code	Occupational Title	Job Openings Average Annual 2004-2014		
		Growth	Separations	Total
<u>Office and Administrative Support Occupations</u>				
43-5081	Stock Clerks & Order Fillers	0	35	35
43-9061	Office Clerks, General	3	26	29
43-4051	Customer Service Representatives	16	11	27
43-4171	Receptionists & Information Clerks	12	15	27
43-1011	Mgrs. of Office & Admin. Support Workers	5	17	22
43-3071	Tellers	3	19	22
43-9021	Data Entry Keyers	9	12	21
43-3031	Bookkeeping, Accounting & Auditing Clerks	3	16	19
43-6011	Executive Secretaries & Admin. Assistants	7	12	19
43-6014	Secretaries, Ex. Legal, Medical & Executive	0	18	18
<u>Constructing and Extraction Occupations</u>				
47-2073	Operating Engineers & Other Constr. Equip. Ops.	23	27	50
47-1011	Mgrs. of Constr. Trades & Extraction Workers	11	9	20
47-2031	Carpenters	9	7	16
<u>Installation, Maintenance and Repair Occupations</u>				
49-9042	Maintenance & Repair Workers, General	10	17	27
49-3023	Automotive Service Technicians & Mechanics	6	11	17
<u>Production Occupations</u>				
51-2092	Team Assemblers	22	23	45
51-9198	Helpers--Production Workers	6	12	18
<u>Transportation and Material Moving Occupations</u>				
53-7062	Laborer & Freight, Stock & Material Mover, Hand	13	46	59
53-3032	Truck Drivers, Heavy & Tractor-Trailer	20	28	48
53-7051	Industrial Truck & Tractor Operators	14	15	29
53-3022	Bus Drivers, School	7	14	21
53-7064	Packers & Packagers, Hand	7	14	21
53-3033	Truck Drivers, Light or Delivery Services	13	6	19

**Top 45
Fastest Growing Cumberland Valley Area Occupations**

Occupation Code	Occupational Title	Fast Growing Occupations				Total
		Employment		Change		Job Openings
		Actual 2004	Projected 2014	2004-2014 Number	Percent	Average Annual 2004-2014
<u>Healthcare Support Occupations</u>						
31-1011	Home Health Aides	252	372	120	47.6	15
31-9092	Medical Assistants	409	596	187	45.7	27
31-9091	Dental Assistants	209	282	73	34.9	13
31-2021	Physical Therapist Assistants	51	65	14	27.5	2
31-9093	Medical Equipment Preparers	34	43	9	26.5	2
<u>Protective Service Occupations</u>						
33-2011	Fire Fighters	78	104	26	33.3	5
<u>Personal Care and Service Occupations</u>						
39-5012	Hairdressers, Hairstylists & Cosmetologists	166	206	40	24.1	7
39-3091	Amusement & Recreation Attendants	68	84	16	23.5	4
<u>Sales and Related Occupations</u>						
41-3031	Securities, Commodities & Financial Serv. Sales	72	95	23	31.9	3
<u>Office and Administrative Support Occupations</u>						
43-3011	Bill & Account Collectors	311	391	80	25.7	14
<u>Constructing and Extraction Occupations</u>						
47-2141	Painters, Construction & Maintenance	63	80	17	27.0	3
47-4051	Highway Maintenance Workers	201	255	54	26.9	8
47-5041	Continuous Mining Machine Operators	77	96	19	24.7	4
47-5021	Earth Drillers, Ex. Oil & Gas	92	114	22	23.9	4
<u>Installation, Maintenance and Repair Occupations</u>						
49-2097	Electronic Home Entertain. Equip. Install & Rep.	69	90	21	30.4	3
<u>Production Occupations</u>						
51-2092	Team Assemblers	889	1,104	215	24.2	45
51-4081	Multiple Machine Tool SOT, Metal & Plastic	51	63	12	23.5	2
<u>Transportation and Material Moving Occupations</u>						
53-7033	Loading Machine Ops., Underground Mining	34	45	11	32.4	2
53-7032	Excavating & Loading Mach. & Dragline Ops.	199	261	62	31.2	12
53-7011	Conveyor Operators & Tenders	48	61	13	27.1	2
53-3041	Taxi Drivers & Chauffeurs	277	350	73	26.4	10

**Top 45
Fastest Growing Cumberland Valley Area Occupations**

Occupation Code	Occupational Title	Fast Growing Occupations				Total
		Employment		Change		Job Openings
		Actual 2004	Projected 2014	2004-2014 Number	Percent	Average Annual 2004-2014
<u>Management Occupations</u>						
11-3021	Computer & Information Systems Mgrs.	121	168	47	38.8	7
11-9031	Education Admin., Pre., Child Care Center	55	70	15	27.3	3
11-3011	Administrative Services Mgrs.	62	77	15	24.2	3
11-9021	Construction Mgrs.	87	108	21	24.1	4
<u>Business and Financial Operations Occupations</u>						
13-1111	Management Analysts	99	135	36	36.4	5
13-1079	HR, Training & Labor Relations Spec.	50	65	15	30.0	3
13-1051	Cost Estimators	41	51	10	24.4	2
<u>Computer and Mathematical Occupations</u>						
15-1081	Network Systems & Data Comm. Analysts	57	88	31	54.4	4
15-1051	Computer Systems Analysts	68	90	22	32.4	3
<u>Architecture and Engineering Occupations</u>						
17-3026	Industrial Engineering Technicians	59	81	22	37.3	3
<u>Community and Social Service Occupations</u>						
21-1093	Social & Human Service Assistants	255	338	83	32.5	13
21-1022	Medical & Public Health Social Workers	77	98	21	27.3	3
<u>Education, Training and Library Occupations</u>						
25-2011	Preschool Teachers, Ex. Special Education	246	332	86	35.0	12
25-9031	Instructional Coordinators	55	69	14	25.5	2
25-3011	Adult Literacy, Remedial Ed. & GED Teachers	82	102	20	24.4	3
<u>Healthcare Practitioners and Technical Occupations</u>						
29-1071	Physician Assistants	54	80	26	48.1	4
29-2021	Dental Hygienists	81	110	29	35.8	4
29-2055	Surgical Technologists	101	130	29	28.7	4
29-1111	Registered Nurses	1,911	2,458	547	28.6	95
29-1126	Respiratory Therapists	101	129	28	27.7	6
29-2071	Medical Records & Health Info. Technicians	162	206	44	27.2	6
29-2041	EMTs & Paramedics	211	267	56	26.5	8
29-1123	Physical Therapists	57	72	15	26.3	3
29-2031	Cardiovascular Technologists & Technicians	58	73	15	25.9	3

Explanation of Data Elements in the Occupational Outlook Table

Occupational Employment Outlook

Occupational		Employment 2004 2014		Job Growth 2004 2014		Average Annual Job Openings			Average Wage	Education/ Training Required
Code	Title	Estimated	Projected	Number	Percent	Growth	Separations	Total	2005	
Occupational Codes & Titles used in this report are based on the Standard Occupational Coding (SOC) structure. NOTE: Alphabetical listing beginning on page 64 will help locate a specific occupation within the tables.		Estimated 2004 employment is based on the Occupational Employment Statistics (OES) Survey of employers. Projected 2014 levels of occupational employment are based on projections of industry employment and projections of occupational change factors between 2004 and 2014. NOTE: The occupational employment estimates for 2004 to 2014 include all classes of workers such as public and private, wage and salaried workers; agricultural workers; private household workers; and self-employed.		Number The total number of jobs in an occupation gained or lost over the 2004 to 2014 period. Percent Percent change in employment in an occupation over the 10 year period. NOTE: In Kentucky, the average growth for all occupations is projected to be 12.2 percent between 2004-2014. The growth of an occupation is classified as one of the following based on its percent change: 1) Declining (< 0%) 2) Stable (0% - 6.99%) 3) Growing (7% - 16.99%) 4) Fast Growing (17% - 23.99%) 5) Very Fast Growing (> 24%)		Growth Provides estimates of the average number of job openings expected to occur each year between 2004 and 2014. Separations Provides estimates of the average number of job openings expected to occur each year in an occupation from workers separating or leaving for reasons such as retirement, promotion, or simply transferring among occupations. These separations would require replacement workers. Total The sum of openings due to growth and openings due to separations for an occupation. NOTE: If employment growth is negative, the total number of job openings will equal the number of separations.			Average Wage in this report always refers to the 2005 mean hourly wage.	Education and/or Training Levels Required are developed by the Bureau of Labor Statistics and group occupations into eleven categories (1-11). NOTE: The various categories are described in detail on page 76 of this report.

Cumberland Valley Area

Occupational Employment Outlook

Management Occupations

Occupational		Employment*		Change		Job Openings			Average Wage 2005	Educ/ Training Req'd~
Code	Title	2004 Estimated	2014 Projected	2004-2014 Number	2004-2014 Percent	Average Annual Growth	2004-2014 Separations	2004-2014 Total		
00-0000 Total, All Occupations		83,170	93,181	10,011	12.0	1,120	2,003	3,123	13.68	n/a
11-0000 Management Occupations		3,789	4,360	571	15.1	58	72	130	32.03	n/a
11-1000	Top Executives	1,222	1,428	206	16.9	21	23	44	n/a	n/a
11-1011	Chief Executives	339	402	63	18.6	6	6	12	55.91	4
11-1021	General & Operations Mgrs.	883	1,026	143	16.2	14	17	31	32.12	4
11-1031	Legislators	*	*	*	*	*	*	*	n/a	4
11-2000	Advertising, Market, Promotions, P.R. & Sales	162	189	27	16.7	3	3	6	n/a	n/a
11-2011	Advertising & Promotions Mgrs.	*	*	*	*	*	*	*	19.47	4
11-2021	Marketing Mgrs.	36	43	7	19.4	1	1	2	31.26	4
11-2022	Sales Mgrs.	92	106	14	15.2	1	2	3	34.54	4
11-2031	Public Relations Mgrs.	*	*	*	*	*	*	*	n/a	4
11-3000	Operations Specialties Mgrs.	636	762	126	19.8	13	11	24	n/a	n/a
11-3011	Administrative Services Mgrs.	62	77	15	24.2	2	1	3	22.93	4
11-3021	Computer & Information Systems Mgrs.	121	168	47	38.8	5	2	7	28.10	4
11-3031	Financial Mgrs.	212	246	34	16.0	3	3	6	34.90	4
11-3041	Compensation & Benefits Mgrs.	*	*	*	*	*	*	*	n/a	4
11-3042	Training & Development Mgrs.	*	*	*	*	*	*	*	20.01	4
11-3049	Human Resources Mgrs., All Other	*	*	*	*	*	*	*	n/a	4
11-3051	Industrial Production Mgrs.	83	90	7	8.4	1	2	3	29.99	8
11-3061	Purchasing Mgrs.	42	41	-1	-2.4	0	1	1	*	4
11-3071	Transportation, Storage & Distribution Mgrs.	44	47	3	6.8	0	1	1	23.74	8

* Employment under 30 and unreliable data suppressed n/a - Not Available ~ Education/Training Required Codes- Page 76

Source: Kentucky Education Cabinet, Department for Workforce Investment, Office of Employment and Training, Research and Statistics Branch

Cumberland Valley Area

Occupational Employment Outlook

Management Occupations (cont'd)

Occupational		Employment*		Change		Job Openings			Average Wage 2005	Educ/ Training Req'd~
Code	Title	2004 Estimated	2014 Projected	2004-2014		Average Annual 2004-2014				
				Number	Percent	Growth	Separations	Total		
11-9000	Other Management Occupations	1,769	1,981	212	12.0	22	35	57	n/a	n/a
11-9011	Farm, Ranch & Other Agricultural Mgrs.	203	208	5	2.5	1	4	5	n/a	4
11-9012	Farmers & Ranchers	*	*	*	*	*	*	*	n/a	9
11-9021	Construction Mgrs.	87	108	21	24.1	2	2	4	29.35	5
11-9031	Education Admin., Preschool, Child Care Center	55	70	15	27.3	2	1	3	18.91	4
11-9032	Education Admin., Elem. & Secondary School	206	224	18	8.7	2	5	7	n/a	4
11-9033	Education Admin., Post.	*	*	*	*	*	*	*	n/a	4
11-9039	Education Admin., All Other	*	*	*	*	*	*	*	38.26	4
11-9041	Engineering Mgrs.	55	61	6	10.9	1	1	2	38.82	4
11-9051	Food Service Mgrs.	233	287	54	23.2	5	4	9	20.59	8
11-9061	Funeral Directors	35	38	3	8.6	0	1	1	n/a	6
11-9081	Lodging Mgrs.	*	*	*	*	*	*	*	n/a	8
11-9111	Medical & Health Services Mgrs.	212	260	48	22.6	5	4	9	30.85	4
11-9121	Natural Sciences Mgrs.	*	*	*	*	*	*	*	n/a	4
11-9131	Postmasters & Mail Superintendents	67	65	-2	-3.0	0	1	1	22.18	8
11-9141	Property, Real Estate, Community Assn. Mgrs.	82	90	8	9.8	1	2	3	n/a	5
11-9151	Social & Community Service Mgrs.	160	181	21	13.1	2	3	5	19.51	5
11-9199	Mgrs., All Other	295	304	9	3.1	1	6	7	32.26	8

* Employment under 30 and unreliable data suppressed

n/a - Not Available

~ Education/Training Required Codes- Page 76

Source: Kentucky Education Cabinet, Department for Workforce Investment, Office of Employment and Training, Research and Statistics Branch

Cumberland Valley Area

Occupational Employment Outlook

Business & Financial Operations Occs.

Occupational		Employment*		Change		Job Openings			Average	Educ/
		2004	2014	2004-2014		Average Annual 2004-2014			Wage	Training
Code	Title	Estimated	Projected	Number	Percent	Growth	Separations	Total	2005	Req'd~
13-0000 Business & Financial Operations Occupations		1,699	1,923	224	13.2	23	32	55	19.06	n/a
13-1000	Business Operations Spec.	1,060	1,218	158	14.9	16	20	36	n/a	n/a
13-1011	Agents & Business Mgrs. of Artists, Perf. & Ath.	*	*	*	*	*	*	*	n/a	4
13-1021	Purchasing Agents & Buyers, Farm Products	*	*	*	*	*	*	*	n/a	8
13-1022	Whole. & Retail Buyers, Ex. Farm Products	62	68	6	9.7	1	2	3	15.05	8
13-1023	Purchasing Agents, Ex. Wholesale & Retail	98	105	7	7.1	1	2	3	19.06	8
13-1031	Claims Adjusters, Examiners & Investigators	36	42	6	16.7	1	0	1	n/a	9
13-1032	Insurance Appraisers, Auto Damage	*	*	*	*	*	*	*	n/a	9
13-1041	Compliance Officers, Ex. Agr., Constr., Health	124	124	0	0.0	0	3	3	n/a	9
13-1051	Cost Estimators	41	51	10	24.4	1	1	2	17.31	8
13-1061	Emergency Management Spec.	*	*	*	*	*	*	*	n/a	8
13-1071	Employment, Recruitment & Placement Spec.	105	129	24	22.9	2	2	4	11.64	5
13-1072	Compensation, Benefits & Job Analysis Spec.	38	41	3	7.9	0	1	1	n/a	5
13-1073	Training & Development Spec.	80	97	17	21.3	2	1	3	18.07	5
13-1079	HR, Training & Labor Relations Spec.	50	65	15	30.0	2	1	3	14.01	5
13-1081	Logisticians	*	*	*	*	*	*	*	n/a	5
13-1111	Management Analysts	99	135	36	36.4	4	1	5	31.25	4
13-1121	Meeting & Convention Planners	*	*	*	*	*	*	*	n/a	5
13-1199	Business Operations Spec., All Other	286	314	28	9.8	3	5	8	17.38	5
13-2000	Financial Specialists	639	705	66	10.3	7	12	19	n/a	n/a
13-2011	Accountants & Auditors	291	336	45	15.5	5	6	11	20.10	5
13-2021	Appraisers & Assessors of Real Estate	*	*	*	*	*	*	*	n/a	7
13-2031	Budget Analysts	*	*	*	*	*	*	*	n/a	5
13-2041	Credit Analysts	*	*	*	*	*	*	*	n/a	5
13-2051	Financial Analysts	*	*	*	*	*	*	*	n/a	5
13-2052	Personal Financial Advisors	*	*	*	*	*	*	*	n/a	5
13-2053	Insurance Underwriters	*	*	*	*	*	*	*	n/a	5
13-2061	Financial Examiners	*	*	*	*	*	*	*	n/a	5
13-2071	Loan Counselors	*	*	*	*	*	*	*	n/a	5
13-2072	Loan Officers	197	209	12	6.1	1	3	4	20.75	5
13-2081	Tax Examiners, Collectors & Revenue Agents	*	*	*	*	*	*	*	n/a	5
13-2082	Tax Preparers	*	*	*	*	*	*	*	n/a	10
13-2099	Financial Spec., All Other	*	*	*	*	*	*	*	n/a	5

* Employment under 30 and unreliable data suppressed

n/a - Not Available

~ Education/Training Required Codes- Page 76

Source: Kentucky Education Cabinet, Department for Workforce Investment, Office of Employment and Training, Research and Statistics Branch

Cumberland Valley Area

Occupational Employment Outlook

Computer & Mathematical Occupations

Occupational		Employment*		Change		Job Openings			Average Wage 2005	Educ/ Training Req'd~
Code	Title	2004 Estimated	2014 Projected	2004-2014 Number	2004-2014 Percent	Average Annual Growth	2004-2014 Separations	2004-2014 Total		
15-0000 Computer & Mathematical Occupations		799	1,154	355	44.4	36	10	46	19.79	n/a
15-1000	Computer Specialists	792	1,145	353	44.6	36	10	46	n/a	n/a
15-1011	Computer & Information Scientists, Research	*	*	*	*	*	*	*	n/a	2
15-1021	Computer Programmers	63	61	-2	-3.2	0	2	2	16.52	5
15-1031	Computer Software Engineers, Applications	*	*	*	*	*	*	*	n/a	5
15-1032	Computer Software Engineers, Systems Soft.	*	*	*	*	*	*	*	n/a	5
15-1041	Computer Support Spec.	*	*	*	*	*	*	*	16.72	6
15-1051	Computer Systems Analysts	68	90	22	32.4	2	1	3	27.30	5
15-1061	Database Admin.	*	*	*	*	*	*	*	n/a	5
15-1071	Network & Computer Systems Admin.	*	*	*	*	*	*	*	20.15	5
15-1081	Network Systems & Data Comm. Analysts	57	88	31	54.4	3	1	4	24.27	5
15-1099	Computer Spec., All Other	*	*	*	*	*	*	*	n/a	6
15-2000	Mathematical Scientists	*	*	*	*	*	*	*	n/a	n/a
15-2011	Actuaries	*	*	*	*	*	*	*	n/a	4
15-2021	Mathematicians	*	*	*	*	*	*	*	n/a	2
15-2031	Operations Research Analysts	*	*	*	*	*	*	*	n/a	3
15-2041	Statisticians	*	*	*	*	*	*	*	n/a	3
15-2099	Mathematical Science Occupations, All Other	*	*	*	*	*	*	*	n/a	3

* Employment under 30 and unreliable data suppressed

n/a - Not Available

~ Education/Training Required Codes- Page 76

Source: Kentucky Education Cabinet, Department for Workforce Investment, Office of Employment and Training, Research and Statistics Branch

Cumberland Valley Area

Occupational Employment Outlook

Architecture & Engineering Occupations

Occupational		Employment*		Change		Job Openings			Average Wage 2005	Educ/ Training Req'd~
Code	Title	2004 Estimated	2014 Projected	2004-2014 Number	2004-2014 Percent	Average Annual Growth	2004-2014 Separations	2004-2014 Total		
17-0000 Architecture & Engineering Occupations		564	617	53	9.4	7	13	20	23.77	n/a
17-1000	Architects, Surveyors & Cartographers	*	*	*	*	*	*	*	n/a	n/a
17-1011	Architects, Ex. Landscape & Naval	*	*	*	*	*	*	*	n/a	5
17-1012	Landscape Architects	*	*	*	*	*	*	*	n/a	5
17-1021	Cartographers & Photogrammetrists	*	*	*	*	*	*	*	n/a	5
17-1022	Surveyors	*	*	*	*	*	*	*	12.99	5
17-2000	Engineers	243	276	33	13.6	3	5	8	n/a	n/a
17-2011	Aerospace Engineers	*	*	*	*	*	*	*	n/a	5
17-2021	Agricultural Engineers	*	*	*	*	*	*	*	n/a	5
17-2031	Biomedical Engineers	*	*	*	*	*	*	*	n/a	5
17-2041	Chemical Engineers	*	*	*	*	*	*	*	n/a	5
17-2051	Civil Engineers	41	44	3	7.3	0	1	1	n/a	5
17-2061	Computer Hardware Engineers	*	*	*	*	*	*	*	n/a	5
17-2071	Electrical Engineers	*	*	*	*	*	*	*	n/a	5
17-2072	Electronics Engineers, Ex. Computer	*	*	*	*	*	*	*	n/a	5
17-2081	Environmental Engineers	*	*	*	*	*	*	*	n/a	5
17-2111	Health & Safety Engineers, Ex. Mining Safety	*	*	*	*	*	*	*	n/a	5
17-2112	Industrial Engineers	75	86	11	14.7	1	2	3	24.74	5
17-2121	Marine Engineers & Naval Architects	*	*	*	*	*	*	*	n/a	5
17-2131	Materials Engineers	*	*	*	*	*	*	*	n/a	5
17-2141	Mechanical Engineers	*	*	*	*	*	*	*	n/a	5
17-2151	Mining & Geological Engrs., Incl. Mining Safety	*	*	*	*	*	*	*	26.62	5
17-2161	Nuclear Engineers	*	*	*	*	*	*	*	n/a	5
17-2171	Petroleum Engineers	*	*	*	*	*	*	*	n/a	5
17-2199	Engineers, All Other	*	*	*	*	*	*	*	n/a	5

* Employment under 30 and unreliable data suppressed

n/a - Not Available

~ Education/Training Required Codes- Page 76

Source: Kentucky Education Cabinet, Department for Workforce Investment, Office of Employment and Training, Research and Statistics Branch

Cumberland Valley Area

Occupational Employment Outlook

Architecture & Engineering Occs. (cont'd)

Occupational		Employment*		Change		Job Openings			Average Wage	Educ/ Training
Code	Title	2004	2014	2004-2014		Average Annual 2004-2014				
		Estimated	Projected	Number	Percent	Growth	Separations	Total	2005	Req'd~
17-3000	Drafters, Engineering & Mapping Technicians	308	327	19	6.2	3	7	10	n/a	n/a
17-3011	Architectural & Civil Drafters	*	*	*	*	*	*	*	n/a	7
17-3012	Electrical & Electronics Drafters	*	*	*	*	*	*	*	n/a	7
17-3013	Mechanical Drafters	*	*	*	*	*	*	*	n/a	7
17-3019	Drafters, All Other	*	*	*	*	*	*	*	n/a	7
17-3021	Aerospace Engineering & Ops. Technicians	*	*	*	*	*	*	*	n/a	6
17-3022	Civil Engineering Technicians	52	58	6	11.5	1	1	2	n/a	6
17-3023	Electrical & Electronic Engineering Technicians	93	86	-7	-7.5	0	2	2	24.84	6
17-3024	Electro-Mechanical Technicians	*	*	*	*	*	*	*	n/a	6
17-3025	Environmental Engineering Technicians	*	*	*	*	*	*	*	n/a	6
17-3026	Industrial Engineering Technicians	59	81	22	37.3	2	1	3	n/a	6
17-3027	Mechanical Engineering Technicians	*	*	*	*	*	*	*	n/a	6
17-3029	Engineering Technicians, Ex. Drafters, All Other	33	34	1	3.0	0	1	1	19.98	6
17-3031	Surveying & Mapping Technicians	*	*	*	*	*	*	*	n/a	10

* Employment under 30 and unreliable data suppressed

n/a - Not Available

~ Education/Training Required Codes- Page 76

Source: Kentucky Education Cabinet, Department for Workforce Investment, Office of Employment and Training, Research and Statistics Branch

Cumberland Valley Area

Occupational Employment Outlook

Life, Physical & Social Science Occupations

Occupational		Employment*		Change		Job Openings			Average Wage 2005	Educ/ Training Req'd~
Code	Title	2004 Estimated	2014 Projected	2004-2014 Number Percent		Average Annual 2004-2014 Growth Separations Total				
19-0000	Life, Physical & Social Science Occupations	448	474	26	5.8	4	10	14	21.20	n/a
19-1000	Life Scientists	118	119	1	0.8	1	3	4	n/a	n/a
19-1011	Animal Scientists	*	*	*	*	*	*	*	n/a	5
19-1012	Food Scientists & Technologists	*	*	*	*	*	*	*	n/a	5
19-1013	Soil & Plant Scientists	*	*	*	*	*	*	*	n/a	5
19-1021	Biochemists & Biophysicists	*	*	*	*	*	*	*	n/a	2
19-1022	Microbiologists	*	*	*	*	*	*	*	n/a	2
19-1023	Zoologists & Wildlife Biologists	*	*	*	*	*	*	*	n/a	5
19-1029	Biological Scientists, All Other	*	*	*	*	*	*	*	n/a	5
19-1031	Conservation Scientists	36	31	-5	-13.9	0	1	1	n/a	5
19-1032	Foresters	*	*	*	*	*	*	*	n/a	5
19-1041	Epidemiologists	*	*	*	*	*	*	*	n/a	3
19-1042	Medical Scientists, Ex. Epidemiologists	*	*	*	*	*	*	*	n/a	2
19-1099	Life Scientists, All Other	*	*	*	*	*	*	*	n/a	5
19-2000	Physical Scientists	33	41	8	24.2	1	1	2	n/a	n/a
19-2011	Astronomers	*	*	*	*	*	*	*	n/a	2
19-2012	Physicists	*	*	*	*	*	*	*	n/a	2
19-2021	Atmospheric & Space Scientists	*	*	*	*	*	*	*	n/a	5
19-2031	Chemists	*	*	*	*	*	*	*	n/a	5
19-2032	Materials Scientists	*	*	*	*	*	*	*	n/a	5
19-2041	Environmental Scientists & Spec., Incl. Health	*	*	*	*	*	*	*	n/a	3
19-2042	Geoscientists, Ex. Hydrologists & Geographers	*	*	*	*	*	*	*	n/a	3
19-2043	Hydrologists	*	*	*	*	*	*	*	n/a	3
19-2099	Physical Scientists, All Other	*	*	*	*	*	*	*	n/a	5

* Employment under 30 and unreliable data suppressed

n/a - Not Available

~ Education/Training Required Codes- Page 76

Source: Kentucky Education Cabinet, Department for Workforce Investment, Office of Employment and Training, Research and Statistics Branch

Cumberland Valley Area

Occupational Employment Outlook

Life, Physical & Social Science Occs. (cont'd)

Occupational		Employment*		Change		Job Openings			Average Wage 2005	Educ/ Training Req'd~
Code	Title	2004 Estimated	2014 Projected	2004-2014 Number	2004-2014 Percent	Average Annual 2004-2014				
						Growth	Separations	Total		
19-3000	Social Scientists & Related Workers	161	182	21	13.0	2	3	5	n/a	n/a
19-3011	Economists	*	*	*	*	*	*	*	n/a	3
19-3021	Market Research Analysts	*	*	*	*	*	*	*	n/a	5
19-3022	Survey Researchers	*	*	*	*	*	*	*	n/a	5
19-3031	Clinical, Counseling & School Psychologists	73	89	16	21.9	2	2	4	22.94	2
19-3039	Psychologists, All Other	*	*	*	*	*	*	*	n/a	3
19-3051	Urban & Regional Planners	*	*	*	*	*	*	*	n/a	3
19-3091	Anthropologists & Archeologists	*	*	*	*	*	*	*	n/a	3
19-3092	Geographers	*	*	*	*	*	*	*	n/a	3
19-3093	Historians	*	*	*	*	*	*	*	n/a	3
19-3094	Political Scientists	*	*	*	*	*	*	*	n/a	3
19-3099	Social Scientists & Related Workers, All Other	60	64	4	6.7	0	1	1	n/a	3
19-4000	Life, Physical & Social Science Technicians	136	132	-4	-2.9	1	3	4	n/a	n/a
19-4011	Agricultural & Food Science Technicians	*	*	*	*	*	*	*	n/a	6
19-4021	Biological Technicians	*	*	*	*	*	*	*	n/a	6
19-4031	Chemical Technicians	*	*	*	*	*	*	*	n/a	6
19-4041	Geological & Petroleum Technicians	*	*	*	*	*	*	*	n/a	6
19-4061	Social Science Research Assistants	*	*	*	*	*	*	*	n/a	6
19-4091	Environ. Sci. & Protection Techs., Incl. Health	*	*	*	*	*	*	*	n/a	6
19-4092	Forensic Science Technicians	*	*	*	*	*	*	*	n/a	6
19-4093	Forest & Conservation Technicians	75	67	-8	-10.7	0	2	2	16.58	6
19-4099	Life, Physical & Social Sci. Tech., All Other	*	*	*	*	*	*	*	n/a	6

* Employment under 30 and unreliable data suppressed n/a - Not Available ~ Education/Training Required Codes- Page 76

Source: Kentucky Education Cabinet, Department for Workforce Investment, Office of Employment and Training, Research and Statistics Branch

Cumberland Valley Area

Occupational Employment Outlook

Community & Social Service Occupations

Occupational		Employment*		Change		Job Openings			Average	Educ/
		2004	2014	2004-2014		Average Annual 2004-2014			Wage	Training
Code	Title	Estimated	Projected	Number	Percent	Growth	Separations	Total	2005	Req'd~
21-0000 Community & Social Services Occupations		1,521	1,815	294	19.3	29	28	57	n/a	n/a
21-1000	Counselors, Social Work. & Other Social Serv.	1,494	1,784	290	19.4	29	28	57	n/a	n/a
21-1011	Substance Abuse & Behavioral Disorder Couns.	*	*	*	*	*	*	*	n/a	3
21-1012	Educational, Vocational & School Counselors	180	215	35	19.4	4	4	8	21.66	3
21-1013	Marriage & Family Therapists	*	*	*	*	*	*	*	n/a	3
21-1014	Mental Health Counselors	*	*	*	*	*	*	*	18.18	3
21-1015	Rehabilitation Counselors	75	92	17	22.7	2	2	4	n/a	3
21-1019	Counselors, All Other	*	*	*	*	*	*	*	n/a	3
21-1021	Child, Family & School Social Workers	*	*	*	*	*	*	*	n/a	5
21-1022	Medical & Public Health Social Workers	77	98	21	27.3	2	1	3	16.85	5
21-1023	Mental Health & Subst. Abuse Social Workers	104	123	19	18.3	2	2	4	15.46	3
21-1029	Social Workers, All Other	39	42	3	7.7	0	1	1	n/a	5
21-1091	Health Educators	*	*	*	*	*	*	*	n/a	3
21-1092	Probation Offcr. & Correctional Treatment Spec.	*	*	*	*	*	*	*	n/a	5
21-1093	Social & Human Service Assistants	255	338	83	32.5	8	5	13	10.60	10
21-1099	Community & Social Service Spec., All Other	65	76	11	16.9	1	1	2	n/a	5
21-2000	Religious Workers	*	*	*	*	*	*	*	n/a	n/a
21-2011	Clergy	*	*	*	*	*	*	*	n/a	3
21-2021	Directors, Religious Activities & Education	*	*	*	*	*	*	*	n/a	5
21-2099	Religious Workers, All Other	*	*	*	*	*	*	*	n/a	5

* Employment under 30 and unreliable data suppressed

n/a - Not Available

~ Education/Training Required Codes- Page 76

Source: Kentucky Education Cabinet, Department for Workforce Investment, Office of Employment and Training, Research and Statistics Branch

Cumberland Valley Area Occupational Employment Outlook

Legal Occupations

Occupational		Employment*		Change		Job Openings			Average Wage 2005	Educ/ Training Req'd~
Code	Title	2004 Estimated	2014 Projected	2004-2014 Number	2004-2014 Percent	Average Annual Growth	2004-2014 Separations	2004-2014 Total		
23-0000	Legal Occupations	740	840	100	13.5	11	8	19	n/a	n/a
23-1000	Lawyers, Judges & Related Workers	341	385	44	12.9	5	4	9	n/a	n/a
23-1011	Lawyers	295	340	45	15.3	5	4	9	n/a	1
23-1021	Adm. Law Judges, Adjudicators & Hearing Offcr.	*	*	*	*	*	*	*	n/a	4
23-1022	Arbitrators, Mediators & Conciliators	*	*	*	*	*	*	*	n/a	4
23-1023	Judges, Magistrate Judges & Magistrates	*	*	*	*	*	*	*	n/a	4
23-2000	Legal Support Workers	399	455	56	14.0	6	4	10	n/a	n/a
23-2011	Paralegals & Legal Assistants	239	289	50	20.9	5	2	7	n/a	6
23-2091	Court Reporters	*	*	*	*	*	*	*	n/a	7
23-2092	Law Clerks	40	37	-3	-7.5	0	0	0	15.69	5
23-2093	Title Examiners, Abstractors & Searchers	*	*	*	*	*	*	*	n/a	10
23-2099	Legal Support Workers, All Other	81	86	5	6.2	1	1	2	17.15	5

* Employment under 30 and unreliable data suppressed

n/a - Not Available

~ Education/Training Required Codes- Page 76

Source: Kentucky Education Cabinet, Department for Workforce Investment, Office of Employment and Training, Research and Statistics Branch

Cumberland Valley Area

Occupational Employment Outlook

Education, Training & Library Occupations

Occupational		Employment*		Change		Job Openings			Average Wage 2005	Educ/ Training Req'd~
Code	Title	2004 Estimated	2014 Projected	2004-2014 Number	Percent	Average Annual Growth	2004-2014 Separations	2014 Total		
25-0000 Education, Training & Library Occupations		6,071	6,962	891	14.7	89	124	213	16.41	n/a
25-1000	Postsecondary Teachers	439	542	103	23.5	10	10	20	n/a	n/a
25-1011	Business Teachers, Post.	*	*	*	*	*	*	*	n/a	3
25-1021	Computer Science Teachers, Post.	*	*	*	*	*	*	*	n/a	3
25-1022	Mathematical Science Teachers, Post.	*	*	*	*	*	*	*	n/a	3
25-1031	Architecture Teachers, Post.	*	*	*	*	*	*	*	n/a	2
25-1032	Engineering Teachers, Post.	*	*	*	*	*	*	*	n/a	2
25-1041	Agricultural Sciences Teachers, Post.	*	*	*	*	*	*	*	n/a	2
25-1042	Biological Science Teachers, Post.	*	*	*	*	*	*	*	n/a	2
25-1043	Forestry & Conservation Sci. Teachers, Post.	*	*	*	*	*	*	*	n/a	2
25-1051	Atmospheric, Earth, Marine & Space Sci., Post.	*	*	*	*	*	*	*	n/a	2
25-1052	Chemistry Teachers, Post.	*	*	*	*	*	*	*	n/a	2
25-1054	Physics Teachers, Post.	*	*	*	*	*	*	*	n/a	2
25-1061	Anthropology & Archeology Teachers, Post.	*	*	*	*	*	*	*	n/a	2
25-1062	Area, Ethnic & Cultural Studies Teachers, Post.	*	*	*	*	*	*	*	n/a	2
25-1063	Economics Teachers, Post.	*	*	*	*	*	*	*	n/a	2
25-1064	Geography Teachers, Post.	*	*	*	*	*	*	*	n/a	2
25-1065	Political Science Teachers, Post.	*	*	*	*	*	*	*	n/a	2
25-1066	Psychology Teachers, Post.	*	*	*	*	*	*	*	n/a	2
25-1067	Sociology Teachers, Post.	*	*	*	*	*	*	*	n/a	2
25-1069	Social Sciences Teachers, Post., All Other	*	*	*	*	*	*	*	n/a	2
25-1071	Health Specialties Teachers, Post.	*	*	*	*	*	*	*	n/a	3
25-1072	Nursing Instructors & Teachers, Post.	*	*	*	*	*	*	*	n/a	2
25-1081	Education Teachers, Post.	*	*	*	*	*	*	*	n/a	2
25-1082	Library Science Teachers, Post.	*	*	*	*	*	*	*	n/a	2

* Employment under 30 and unreliable data suppressed

n/a - Not Available

~ Education/Training Required Codes- Page 76

Source: Kentucky Education Cabinet, Department for Workforce Investment, Office of Employment and Training, Research and Statistics Branch

Cumberland Valley Area

Occupational Employment Outlook

Education, Training & Library Occs. (cont'd)

Occupational		Employment*		Change		Job Openings			Average	Educ/
Code	Title	2004	2014	2004-2014		Average Annual 2004-2014			Wage	Training
		Estimated	Projected	Number	Percent	Growth	Separations	Total	2005	Req'd~
25-1111	Crim. Justice & Law Enforcement Teach., Post.	*	*	*	*	*	*	*	n/a	2
25-1112	Law Teachers, Post.	*	*	*	*	*	*	*	n/a	1
25-1113	Social Work Teachers, Post.	*	*	*	*	*	*	*	n/a	2
25-1121	Art, Drama & Music Teachers, Post.	*	*	*	*	*	*	*	n/a	3
25-1122	Communications Teachers, Post.	*	*	*	*	*	*	*	n/a	2
25-1123	English Language & Literature Teachers, Post.	*	*	*	*	*	*	*	n/a	3
25-1124	Foreign Language & Literature Teachers, Post.	*	*	*	*	*	*	*	n/a	3
25-1125	History Teachers, Post.	*	*	*	*	*	*	*	n/a	2
25-1126	Philosophy & Religion Teachers, Post.	*	*	*	*	*	*	*	n/a	2
25-1191	Graduate Teaching Assistants	*	*	*	*	*	*	*	n/a	5
25-1192	Home Economics Teachers, Post.	*	*	*	*	*	*	*	n/a	3
25-1193	Recreation & Fitness Studies Teachers, Post.	*	*	*	*	*	*	*	n/a	3
25-1194	Vocational Education Teachers, Post.	157	192	35	22.3	4	4	8	21.92	4
25-1199	Post. Teachers, All Other	*	*	*	*	*	*	*	n/a	2
25-2000	Primary, Secondary & Special Ed. Teachers	3,077	3,447	370	12.0	37	69	106	n/a	n/a
25-2011	Preschool Teachers, Ex. Special Education	246	332	86	35.0	9	3	12	13.27	7
25-2012	Kindergarten Teachers, Ex. Special Education	*	*	*	*	*	*	*	n/a	5
25-2021	Elem. School Teachers, Ex. Special Education	1,250	1,377	127	10.2	13	28	41	n/a	5
25-2022	Middle School Teachers, Ex. Special & Voc. Ed.	429	451	22	5.1	2	10	12	n/a	5
25-2023	Vocational Education Teachers, Middle School	*	*	*	*	*	*	*	n/a	4
25-2031	Sec. School Teachers, Ex. Special & Voc. Ed.	628	676	48	7.6	5	18	23	n/a	5
25-2032	Vocational Ed. Teachers, Secondary School	47	51	4	8.5	0	1	1	n/a	4
25-2041	Special Ed. Teachers, Pre., Kinder. & Elem.	199	241	42	21.1	4	5	9	n/a	5
25-2042	Special Education Teachers, Middle School	74	89	15	20.3	2	2	4	n/a	5
25-2043	Special Education Teachers, Secondary School	108	122	14	13.0	1	3	4	n/a	5

* Employment under 30 and unreliable data suppressed n/a - Not Available ~ Education/Training Required Codes- Page 76

Source: Kentucky Education Cabinet, Department for Workforce Investment, Office of Employment and Training, Research and Statistics Branch

Cumberland Valley Area

Occupational Employment Outlook

Education, Training & Library Occs. (cont'd)

Occupational		Employment*		Change		Job Openings			Average Wage 2005	Educ/ Training Req'd~
Code	Title	2004 Estimated	2014 Projected	2004-2014 Number	2004-2014 Percent	Average Annual 2004-2014				
						Growth	Separations	Total		
25-3000	Other Teachers & Instructors	973	1,177	204	21.0	20	12	32	n/a	n/a
25-3011	Adult Literacy, Remedial Ed. & GED Teachers	82	102	20	24.4	2	1	3	15.15	5
25-3021	Self-Enrichment Education Teachers	*	*	*	*	*	*	*	n/a	8
25-3099	Teachers & Instructors, All Other	857	1,030	173	20.2	17	11	28	11.93	5
25-4000	Librarians, Curators & Archivists	279	303	24	8.6	2	8	10	n/a	n/a
25-4011	Archivists	*	*	*	*	*	*	*	n/a	3
25-4012	Curators	*	*	*	*	*	*	*	n/a	3
25-4013	Museum Technicians & Conservators	*	*	*	*	*	*	*	n/a	3
25-4021	Librarians	166	171	5	3.0	1	4	5	14.51	3
25-4031	Library Technicians	*	*	*	*	*	*	*	6.84	7
25-9000	Other Ed., Training & Library Occupations	1,303	1,493	190	14.6	19	25	44	n/a	n/a
25-9011	Audio-Visual Collections Spec.	*	*	*	*	*	*	*	n/a	10
25-9021	Farm & Home Management Advisors	*	*	*	*	*	*	*	n/a	5
25-9031	Instructional Coordinators	55	69	14	25.5	1	1	2	24.01	3
25-9041	Teacher Assistants	1,171	1,333	162	13.8	16	23	39	n/a	11
25-9099	Education, Training & Library Workers, Other	74	88	14	18.9	1	1	2	14.37	5

* Employment under 30 and unreliable data suppressed

n/a - Not Available

~ Education/Training Required Codes- Page 76

Source: Kentucky Education Cabinet, Department for Workforce Investment, Office of Employment and Training, Research and Statistics Branch

Cumberland Valley Area

Occupational Employment Outlook

Arts, Design, Entertainment, Sports & Media Occs.

Occupational		Employment*		Change		Job Openings			Average Wage 2005	Educ/ Training Req'd~
Code	Title	2004 Estimated	2014 Projected	2004-2014 Number	2004-2014 Percent	Average Annual Growth	2004-2014 Separations	2004-2014 Total		
27-0000	Arts, Design, Entertain., Sports & Media Occs.	889	979	90	10.1	10	16	26	13.16	n/a
27-1000	Art & Design Workers	258	280	22	8.5	2	4	6	n/a	n/a
27-1011	Art Directors	*	*	*	*	*	*	*	n/a	4
27-1012	Craft Artists	*	*	*	*	*	*	*	n/a	9
27-1013	Fine Artists, Incl. Painters, Sculpt. & Illustrators	*	*	*	*	*	*	*	n/a	9
27-1014	Multi-Media Artists & Animators	*	*	*	*	*	*	*	n/a	5
27-1019	Artists & Related Workers, All Other	*	*	*	*	*	*	*	n/a	9
27-1021	Commercial & Industrial Designers	*	*	*	*	*	*	*	n/a	5
27-1022	Fashion Designers	*	*	*	*	*	*	*	n/a	6
27-1023	Floral Designers	87	97	10	11.5	1	1	2	7.35	10
27-1024	Graphic Designers	48	52	4	8.3	0	1	1	n/a	5
27-1025	Interior Designers	*	*	*	*	*	*	*	n/a	6
27-1026	Merchandise Displayers & Window Trimmers	96	102	6	6.3	1	1	2	n/a	10
27-1027	Set & Exhibit Designers	*	*	*	*	*	*	*	n/a	5
27-1029	Designers, All Other	*	*	*	*	*	*	*	n/a	5
27-2000	Entertainers & Performers, Sports & Related	287	336	49	17.1	5	6	11	n/a	n/a
27-2011	Actors	*	*	*	*	*	*	*	n/a	9
27-2012	Producers & Directors	*	*	*	*	*	*	*	n/a	4
27-2021	Athletes & Sports Competitors	*	*	*	*	*	*	*	n/a	9
27-2022	Coaches & Scouts	55	63	8	14.5	1	1	2	n/a	9
27-2023	Umpires, Referees & Other Sports Officials	*	*	*	*	*	*	*	n/a	9
27-2031	Dancers	*	*	*	*	*	*	*	n/a	9
27-2032	Choreographers	*	*	*	*	*	*	*	n/a	8
27-2041	Music Directors & Composers	*	*	*	*	*	*	*	n/a	4
27-2042	Musicians & Singers	158	191	33	20.9	3	3	6	n/a	9
27-2099	Entertainers & Perf., Sports & Related, All Other	*	*	*	*	*	*	*	n/a	9

* Employment under 30 and unreliable data suppressed

n/a - Not Available

~ Education/Training Required Codes- Page 76

Source: Kentucky Education Cabinet, Department for Workforce Investment, Office of Employment and Training, Research and Statistics Branch

Cumberland Valley Area

Occupational Employment Outlook

Arts, Design, Entertainment, Sports, Media Occs. (cont'd)

Occupational		Employment*		Change		Job Openings			Average	Educ/
Code	Title	2004	2014	2004-2014		Average Annual 2004-2014			Wage	Training
		Estimated	Projected	Number	Percent	Growth	Separations	Total	2005	Req'd~
27-3000	Media & Communication Workers	293	310	17	5.8	3	6	9	n/a	n/a
27-3011	Radio & Television Announcers	*	*	*	*	*	*	*	n/a	9
27-3012	Public Address System & Other Announcers	*	*	*	*	*	*	*	n/a	9
27-3021	Broadcast News Analysts	*	*	*	*	*	*	*	n/a	4
27-3022	Reporters & Correspondents	*	*	*	*	*	*	*	n/a	4
27-3031	Public Relations Spec.	163	184	21	12.9	2	2	4	20.10	5
27-3041	Editors	*	*	*	*	*	*	*	n/a	5
27-3042	Technical Writers	*	*	*	*	*	*	*	n/a	5
27-3043	Writers & Authors	*	*	*	*	*	*	*	n/a	5
27-3091	Interpreters & Translators	*	*	*	*	*	*	*	n/a	9
27-3099	Media & Communication Workers, All Other	*	*	*	*	*	*	*	n/a	9
27-4000	Media & Communication Equipment Workers	51	53	2	3.9	1	1	2	n/a	n/a
27-4011	Audio & Video Equipment Technicians	*	*	*	*	*	*	*	n/a	9
27-4012	Broadcast Technicians	*	*	*	*	*	*	*	n/a	6
27-4014	Sound Engineering Technicians	*	*	*	*	*	*	*	n/a	7
27-4021	Photographers	*	*	*	*	*	*	*	n/a	9
27-4031	Camera Operators, TV, Video & Motion Picture	*	*	*	*	*	*	*	n/a	10
27-4032	Film & Video Editors	*	*	*	*	*	*	*	n/a	5
27-4099	Media & Comm. Equipment Workers, All Other	*	*	*	*	*	*	*	n/a	10

* Employment under 30 and unreliable data suppressed

n/a - Not Available

~ Education/Training Required Codes- Page 76

Source: Kentucky Education Cabinet, Department for Workforce Investment, Office of Employment and Training, Research and Statistics Branch

Cumberland Valley Area

Occupational Employment Outlook

Healthcare Practitioners & Technical Occs.

Occupational		Employment*		Change		Job Openings			Average Wage 2005	Educ/ Training Req'd~
Code	Title	2004 Estimated	2014 Projected	2004-2014 Number	Percent	Average Annual Growth	2004-2014 Separations	Total		
29-0000 Healthcare Practitioners & Technical Occs.		5,271	6,478	1,207	22.9	121	100	221	20.52	n/a
29-1000	Health Diagnosing & Treating Practitioners	2,921	3,698	777	26.6	78	58	136	n/a	n/a
29-1011	Chiropractors	*	*	*	*	*	*	*	n/a	1
29-1021	Dentists, General	58	65	7	12.1	1	1	2	n/a	1
29-1022	Oral & Maxillofacial Surgeons	*	*	*	*	*	*	*	n/a	1
29-1023	Orthodontists	*	*	*	*	*	*	*	n/a	1
29-1031	Dietitians & Nutritionists	39	48	9	23.1	1	1	2	19.62	5
29-1041	Optometrists	*	*	*	*	*	*	*	n/a	1
29-1051	Pharmacists	169	208	39	23.1	4	3	7	45.49	1
29-1061	Physicians & Surgeons	*	*	*	*	*	*	*	n/a	1
29-1062	Anesthesiologists	147	181	34	23.1	3	2	5	n/a	1
29-1063	Family & General Practitioners	*	*	*	*	*	*	*	n/a	1
29-1064	Internists, General	67	82	15	22.4	2	1	3	n/a	1
29-1065	Obstetricians & Gynecologists	*	*	*	*	*	*	*	n/a	1
29-1066	Pediatricians, General	*	*	*	*	*	*	*	n/a	1
29-1067	Psychiatrists	47	57	10	21.3	1	1	2	n/a	1
29-1069	Surgeons	54	66	12	22.2	1	1	2	n/a	1
29-1071	Physician Assistants	54	80	26	48.1	3	1	4	n/a	5
29-1081	Podiatrists	*	*	*	*	*	*	*	n/a	1
29-1111	Registered Nurses	1,911	2,458	547	28.6	55	40	95	21.62	6
29-1121	Audiologists	*	*	*	*	*	*	*	n/a	1
29-1122	Occupational Therapists	55	66	11	20.0	1	1	2	28.23	3
29-1123	Physical Therapists	57	72	15	26.3	2	1	3	30.70	3
29-1124	Radiation Therapists	*	*	*	*	*	*	*	n/a	6
29-1125	Recreational Therapists	*	*	*	*	*	*	*	n/a	5
29-1126	Respiratory Therapists	101	129	28	27.7	3	3	6	17.73	6
29-1127	Speech-Language Pathologists	78	85	7	9.0	1	2	3	23.56	3
29-1129	Therapists, All Other	*	*	*	*	*	*	*	n/a	5
29-1131	Veterinarians	*	*	*	*	*	*	*	n/a	1
29-1199	Health Diagnosing & Treat. Practitioners, Other	*	*	*	*	*	*	*	n/a	5

* Employment under 30 and unreliable data suppressed

n/a - Not Available

~ Education/Training Required Codes- Page 76

Source: Kentucky Education Cabinet, Department for Workforce Investment, Office of Employment and Training, Research and Statistics Branch

Cumberland Valley Area

Occupational Employment Outlook

Healthcare Practitioners & Tech. Occs. (cont'd)

Occupational		Employment*		Change		Job Openings			Average	Educ/
Code	Title	2004	2014	2004-2014		Average Annual 2004-2014			Wage	Training
		Estimated	Projected	Number	Percent	Growth	Separations	Total	2005	Req'd~
29-2000	Health Technologists & Technicians	2,259	2,679	420	18.6	42	40	82	n/a	n/a
29-2011	Medical & Clinical Laboratory Technologists	128	151	23	18.0	2	3	5	19.60	5
29-2012	Medical & Clinical Laboratory Technicians	75	92	17	22.7	2	2	4	14.48	6
29-2021	Dental Hygienists	81	110	29	35.8	3	1	4	n/a	6
29-2031	Cardiovascular Technologists & Technicians	58	73	15	25.9	2	1	3	14.55	6
29-2032	Diagnostic Medical Sonographers	*	*	*	*	*	*	*	n/a	6
29-2033	Nuclear Medicine Technologists	*	*	*	*	*	*	*	n/a	6
29-2034	Radiologic Technologists & Technicians	188	228	40	21.3	4	4	8	18.36	6
29-2041	Emergency Medical Technicians & Paramedics	211	267	56	26.5	6	2	8	10.96	7
29-2051	Dietetic Technicians	*	*	*	*	*	*	*	n/a	10
29-2052	Pharmacy Technicians	280	342	62	22.1	6	4	10	9.28	10
29-2053	Psychiatric Technicians	46	47	1	2.2	0	1	1	n/a	10
29-2054	Respiratory Therapy Technicians	70	71	1	1.4	0	1	1	14.46	6
29-2055	Surgical Technologists	101	130	29	28.7	3	1	4	14.32	7
29-2056	Veterinary Technologists & Technicians	*	*	*	*	*	*	*	n/a	6
29-2061	Licensed Practical & Licensed Voc. Nurses	748	833	85	11.4	9	16	25	14.58	7
29-2071	Medical Records & Health Info. Technicians	162	206	44	27.2	4	2	6	12.85	6
29-2081	Opticians, Dispensing	37	38	1	2.7	0	1	1	13.44	9
29-2091	Orthotists & Prosthetists	*	*	*	*	*	*	*	n/a	5
29-2099	Health Technologists & Technicians, All Other	*	*	*	*	*	*	*	n/a	7
29-9000	Other Healthcare Practitioners & Tech. Occs.	91	101	10	11.0	2	2	4	n/a	n/a
29-9011	Occupational Health & Safety Spec.	*	*	*	*	*	*	*	n/a	5
29-9012	Occupational Health & Safety Technicians	45	40	-5	-11.1	0	1	1	32.22	7
29-9091	Athletic Trainers	*	*	*	*	*	*	*	n/a	5
29-9099	Healthcare Practitioners & Tech. Workers, Other	*	*	*	*	*	*	*	n/a	7

* Employment under 30 and unreliable data suppressed n/a - Not Available ~ Education/Training Required Codes- Page 76

Source: Kentucky Education Cabinet, Department for Workforce Investment, Office of Employment and Training, Research and Statistics Branch

Cumberland Valley Area Occupational Employment Outlook

Healthcare Support Occupations

Occupational		Employment*		Change		Job Openings			Average Wage 2005	Educ/ Training Req'd~
Code	Title	2004 Estimated	2014 Projected	2004-2014 Number	2004-2014 Percent	Average Annual 2004-2014				
						Growth	Separations	Total		
31-0000 Healthcare Support Occupations		2,921	3,701	780	26.7	78	46	124	10.00	n/a
31-1000	Nursing, Psychiatric & Home Health Aides	1,833	2,258	425	23.2	43	24	67	n/a	n/a
31-1011	Home Health Aides	252	372	120	47.6	12	3	15	10.03	11
31-1012	Nursing Aides, Orderlies & Attendants	1,580	1,885	305	19.3	31	21	52	9.08	7
31-1013	Psychiatric Aides	*	*	*	*	*	*	*	n/a	11
31-2000	Occupational & Phys. Therapist Assist. & Aides	74	92	18	24.3	2	1	3	n/a	n/a
31-2011	Occupational Therapist Assistants	*	*	*	*	*	*	*	n/a	6
31-2012	Occupational Therapist Aides	*	*	*	*	*	*	*	n/a	11
31-2021	Physical Therapist Assistants	51	65	14	27.5	1	1	2	18.11	6
31-2022	Physical Therapist Aides	*	*	*	*	*	*	*	8.77	11
31-9000	Other Healthcare Support Occupations	1,014	1,351	337	33.2	34	21	55	n/a	n/a
31-9011	Massage Therapists	*	*	*	*	*	*	*	n/a	7
31-9091	Dental Assistants	209	282	73	34.9	7	6	13	n/a	10
31-9092	Medical Assistants	409	596	187	45.7	19	8	27	10.73	10
31-9093	Medical Equipment Preparers	34	43	9	26.5	1	1	2	7.91	11
31-9094	Medical Transcriptionists	148	182	34	23.0	3	3	6	11.51	7
31-9095	Pharmacy Aides	*	*	*	*	*	*	*	n/a	11
31-9096	Vet. Assistants & Laboratory Animal Caretakers	*	*	*	*	*	*	*	n/a	11
31-9099	Healthcare Support Workers, All Other	159	183	24	15.1	2	3	5	n/a	11

* Employment under 30 and unreliable data suppressed

n/a - Not Available

~ Education/Training Required Codes- Page 76

Source: Kentucky Education Cabinet, Department for Workforce Investment, Office of Employment and Training, Research and Statistics Branch

Cumberland Valley Area

Occupational Employment Outlook

Protective Service Occupations

Occupational		Employment*		Change		Job Openings			Average	Educ/
		2004	2014	2004-2014		Average Annual 2004-2014			Wage	Training
Code	Title	Estimated	Projected	Number	Percent	Growth	Separations	Total	2005	Req'd~
33-0000 Protective Service Occupations		1,368	1,501	133	9.7	14	41	55	11.38	n/a
33-1000	Mgrs., Protective Service Workers	131	141	10	7.6	1	4	5	n/a	n/a
33-1011	Mgrs. of Correctional Officers	49	52	3	6.1	0	1	1	22.25	8
33-1012	Mgrs. of Police & Detectives	*	*	*	*	*	*	*	n/a	8
33-1021	Mgrs. of Fire Fighting & Prevent	*	*	*	*	*	*	*	n/a	8
33-1099	Mgrs. of Protective Service Workers, Other	*	*	*	*	*	*	*	20.11	8
33-2000	Fire Fighting & Prevention Workers	82	108	26	31.7	3	2	5	n/a	n/a
33-2011	Fire Fighters	78	104	26	33.3	3	2	5	n/a	9
33-2021	Fire Inspectors & Investigators	*	*	*	*	*	*	*	n/a	8
33-2022	Forest Fire Inspectors & Prevention Spec.	*	*	*	*	*	*	*	n/a	8
33-3000	Law Enforcement Workers	772	851	79	10.2	8	17	25	n/a	n/a
33-3011	Bailiffs	*	*	*	*	*	*	*	n/a	10
33-3012	Correctional Officers & Jailers	*	*	*	*	*	*	*	13.27	10
33-3021	Detectives & Criminal Investigators	*	*	*	*	*	*	*	n/a	8
33-3031	Fish & Game Wardens	*	*	*	*	*	*	*	n/a	6
33-3041	Parking Enforcement Workers	*	*	*	*	*	*	*	n/a	11
33-3051	Police & Sheriff's Patrol Officers	218	257	39	17.9	4	6	10	n/a	9
33-3052	Transit & Railroad Police	*	*	*	*	*	*	*	n/a	9
33-9000	Other Protective Service Workers	383	401	18	4.7	2	17	19	n/a	n/a
33-9011	Animal Control Workers	83	90	7	8.4	1	6	7	n/a	10
33-9021	Private Detectives & Investigators	*	*	*	*	*	*	*	n/a	8
33-9031	Gaming Surveillance Ofcrs. & Investigators	*	*	*	*	*	*	*	n/a	10
33-9032	Security Guards	176	179	3	1.7	0	4	4	6.49	11
33-9091	Crossing Guards	*	*	*	*	*	*	*	n/a	11
33-9092	Lifeguards, Ski Patrol & Rec. Protective Workers	35	42	7	20.0	1	2	3	n/a	11
33-9099	Protective Service Workers, All Other	71	70	-1	-1.4	0	5	5	13.60	11

* Employment under 30 and unreliable data suppressed

n/a - Not Available

~ Education/Training Required Codes- Page 76

Source: Kentucky Education Cabinet, Department for Workforce Investment, Office of Employment and Training, Research and Statistics Branch

Cumberland Valley Area

Occupational Employment Outlook

Food Preparation & Serving Related Occs.

Occupational		Employment*		Change		Job Openings			Average Wage 2005	Educ/ Training Req'd~
Code	Title	2004 Estimated	2014 Projected	2004-2014 Number	Percent	Average Annual Growth	2004-2014 Separations	2004-2014 Total		
35-0000 Food Preparation & Serving Related Occs.		6,518	7,604	1,086	16.7	109	246	355	7.49	n/a
35-1000	Supervisors, Food Prep. & Serving Workers	775	922	147	19.0	15	19	34	n/a	n/a
35-1011	Chefs & Head Cooks	92	105	13	14.1	1	3	4	18.34	8
35-1012	Mgrs. of Food Preparation & Serving Workers	683	817	134	19.6	13	16	29	11.08	8
35-2000	Cooks & Food Preparation Workers	2,238	2,486	248	11.1	25	71	96	n/a	n/a
35-2011	Cooks, Fast Food	758	913	155	20.4	16	24	40	n/a	11
35-2012	Cooks, Institution & Cafeteria	827	829	2	0.2	0	26	26	8.10	10
35-2013	Cooks, Private Household	*	*	*	*	*	*	*	n/a	9
35-2014	Cooks, Restaurant	228	275	47	20.6	5	7	12	7.72	9
35-2015	Cooks, Short Order	53	60	7	13.2	1	2	3	6.20	11
35-2019	Cooks, All Other	*	*	*	*	*	*	*	n/a	10
35-2021	Food Preparation Workers	371	409	38	10.2	4	13	17	8.36	11
35-3000	Food & Beverage Serving Workers	3,179	3,810	631	19.8	63	145	208	n/a	n/a
35-3011	Bartenders	*	*	*	*	*	*	*	n/a	11
35-3021	Combined Food Prep. & Serving Workers	2,237	2,699	462	20.7	46	97	143	6.40	11
35-3022	Counter Attend., Cafeteria & Food Concession	77	86	9	11.7	1	5	6	8.40	11
35-3031	Waiters & Waitresses	797	955	158	19.8	16	41	57	6.11	11
35-3041	Food Servers, Nonrestaurant	50	49	-1	-2.0	0	2	2	7.12	11
35-9000	Other Food Prep. & Serving Related Workers	326	386	60	18.4	6	11	17	n/a	n/a
35-9011	Dining & Cafeteria Attend. & Bartender Helpers	*	*	*	*	*	*	*	n/a	11
35-9021	Dishwashers	217	257	40	18.4	4	7	11	6.34	11
35-9031	Hosts & Hostesses, Restaurant & Lounge	83	99	16	19.3	2	3	5	6.79	11
35-9099	Food Prep. & Serving Related Workers, Other	*	*	*	*	*	*	*	n/a	11

* Employment under 30 and unreliable data suppressed

n/a - Not Available

~ Education/Training Required Codes- Page 76

Source: Kentucky Education Cabinet, Department for Workforce Investment, Office of Employment and Training, Research and Statistics Branch

Cumberland Valley Area

Occupational Employment Outlook

Building, Grounds Cleaning & Maintenance Occs.

Occupational		Employment*		Change		Job Openings			Average	Educ/
Code	Title	2004	2014	2004-2014		Average Annual 2004-2014			Wage	Training
		Estimated	Projected	Number	Percent	Growth	Separations	Total	2005	Req'd~
37-0000	Building & Grounds Cleaning & Maint. Occs.	2,755	3,184	429	15.6	43	54	97	8.35	n/a
37-1000	Sprvisors., Bldg. & Grounds Cleaning Workers	247	292	45	18.2	5	4	9	n/a	n/a
37-1011	Mgrs. of Housekeeping & Janitorial Workers	135	155	20	14.8	2	3	5	9.31	8
37-1012	Mgrs. of Landscaping, Lawn Service	112	137	25	22.3	3	1	4	14.88	8
37-2000	Building Cleaning & Pest Control Workers	2,202	2,549	347	15.8	35	43	78	n/a	n/a
37-2011	Janitors & Cleaners, Ex. Maids & Housekeeping	1,400	1,659	259	18.5	26	27	53	8.13	11
37-2012	Maids & Housekeeping Cleaners	796	883	87	10.9	9	17	26	7.29	11
37-2019	Building Cleaning Workers, All Other	*	*	*	*	*	*	*	n/a	11
37-2021	Pest Control Workers	*	*	*	*	*	*	*	n/a	10
37-3000	Grounds Maintenance Workers	306	343	37	12.1	4	7	11	n/a	n/a
37-3011	Landscaping & Groundskeeping Workers	281	321	40	14.2	4	6	10	9.40	11
37-3012	Pesticide Handlers, Sprayers & Applic., Veget.	*	*	*	*	*	*	*	n/a	10
37-3013	Tree Trimmers & Pruners	*	*	*	*	*	*	*	n/a	11
37-3019	Grounds Maintenance Workers, All Other	*	*	*	*	*	*	*	n/a	11

* Employment under 30 and unreliable data suppressed

n/a - Not Available

~ Education/Training Required Codes- Page 76

Source: Kentucky Education Cabinet, Department for Workforce Investment, Office of Employment and Training, Research and Statistics Branch

Cumberland Valley Area

Occupational Employment Outlook

Personal Care & Service Occupations

Occupational		Employment*		Change		Job Openings			Average Wage 2005	Educ/ Training Req'd~
Code	Title	2004 Estimated	2014 Projected	2004-2014 Number	2004-2014 Percent	Average Annual 2004-2014				
						Growth	Separations	Total		
39-0000 Personal Care & Service Occupations		2,072	2,497	425	20.5	43	52	95	8.31	n/a
39-1000	Supervisors, Personal Care & Service Workers	94	114	20	21.3	2	2	4	n/a	n/a
39-1011	Gaming Supervisors	*	*	*	*	*	*	*	n/a	8
39-1021	Mgrs. of Personal Service Workers	86	104	18	20.9	2	2	4	10.29	8
39-2000	Animal Care & Service Workers	60	69	9	15.0	1	1	2	n/a	n/a
39-2011	Animal Trainers	*	*	*	*	*	*	*	n/a	10
39-2021	Nonfarm Animal Caretakers	38	45	7	18.4	1	1	2	n/a	11
39-3000	Entertainment Attendants & Related Workers	194	226	32	16.5	3	7	10	n/a	n/a
39-3012	Gaming & Sports Book Writers & Runners	37	43	6	16.2	1	1	2	n/a	11
39-3021	Motion Picture Projectionists	*	*	*	*	*	*	*	n/a	11
39-3031	Ushers, Lobby Attendants & Ticket Takers	32	35	3	9.4	0	2	2	6.05	11
39-3091	Amusement & Recreation Attendants	68	84	16	23.5	2	2	4	7.04	11
39-3092	Costume Attendants	*	*	*	*	*	*	*	n/a	11
39-3093	Locker, Coatroom & Dressing Room Attendants	*	*	*	*	*	*	*	n/a	11
39-3099	Entertainment Attend. & Related Workers, Other	*	*	*	*	*	*	*	8.79	10
39-4000	Funeral Service Workers	*	*	*	*	*	*	*	n/a	n/a
39-4011	Embalmers	*	*	*	*	*	*	*	n/a	7
39-4021	Funeral Attendants	*	*	*	*	*	*	*	n/a	11
39-5000	Personal Appearance Workers	182	225	43	23.6	4	4	8	n/a	n/a
39-5011	Barbers	*	*	*	*	*	*	*	n/a	7
39-5012	Hairdressers, Hairstylists & Cosmetologists	166	206	40	24.1	4	3	7	11.64	7
39-5091	Makeup Artists, Theatrical & Performance	*	*	*	*	*	*	*	n/a	7
39-5092	Manicurists & Pedicurists	*	*	*	*	*	*	*	n/a	7
39-5093	Shampooers	*	*	*	*	*	*	*	n/a	11
39-5094	Skin Care Spec.	*	*	*	*	*	*	*	n/a	7
39-6000	Transportation, Tourism & Lodging Attendants	88	84	-4	-4.5	0	2	2	n/a	n/a
39-6011	Baggage Porters & Bellhops	*	*	*	*	*	*	*	n/a	11
39-6012	Concierges	*	*	*	*	*	*	*	n/a	10
39-6021	Tour Guides & Escorts	83	80	-3	-3.6	0	2	2	n/a	10
39-6022	Travel Guides	*	*	*	*	*	*	*	n/a	10
39-6031	Flight Attendants	*	*	*	*	*	*	*	n/a	9
39-6032	Transp. Attend., Ex. Flight Attend., Bag Porters	*	*	*	*	*	*	*	n/a	11

* Employment under 30 and unreliable data suppressed

n/a - Not Available

~ Education/Training Required Codes- Page 76

Source: Kentucky Education Cabinet, Department for Workforce Investment, Office of Employment and Training, Research and Statistics Branch

Cumberland Valley Area Occupational Employment Outlook

Personal Care & Service Occs. (cont'd)

Occupational		Employment*		Change		Job Openings			Average	Educ/
Code	Title	2004	2014	2004-2014		Average Annual 2004-2014			Wage	Training
		Estimated	Projected	Number	Percent	Growth	Separations	Total	2005	Req'd~
39-9000	Other Personal Care & Service Workers	1,346	1,652	306	22.7	31	34	65	n/a	n/a
39-9011	Child Care Workers	918	1,104	186	20.3	19	25	44	7.20	11
39-9021	Personal & Home Care Aides	*	*	*	*	*	*	*	7.91	11
39-9031	Fitness Trainers & Aerobics Instructors	*	*	*	*	*	*	*	n/a	7
39-9032	Recreation Workers	196	222	26	13.3	3	5	8	9.74	11
39-9041	Residential Advisors	*	*	*	*	*	*	*	n/a	10
39-9099	Personal Care & Service Workers, All Other	37	41	4	10.8	0	1	1	n/a	11

* Employment under 30 and unreliable data suppressed

n/a - Not Available

~ Education/Training Required Codes- Page 76

Source: Kentucky Education Cabinet, Department for Workforce Investment, Office of Employment and Training, Research and Statistics Branch

Cumberland Valley Area

Occupational Employment Outlook

Sales & Related Occupations

Occupational		Employment*		Change		Job Openings			Average	Educ/
Code	Title	2004	2014	2004-2014		Average Annual 2004-2014			Wage	Training
		Estimated	Projected	Number	Percent	Growth	Separations	Total	2005	Req'd~
41-0000 Sales & Related Occupations		9,282	9,768	486	5.2	62	320	382	10.78	n/a
41-1000	Supervisors, Sales Workers	1,834	1,913	79	4.3	8	33	41	n/a	n/a
41-1011	Mgrs. of Retail Sales Workers	1,601	1,665	64	4.0	6	29	35	14.18	8
41-1012	Mgrs. of Non-Retail Sales Workers	233	248	15	6.4	2	4	6	18.98	8
41-2000	Retail Sales Workers	6,082	6,336	254	4.2	38	256	294	n/a	n/a
41-2011	Cashiers	2,894	2,782	-112	-3.9	0	141	141	7.11	11
41-2012	Gaming Change Persons & Booth Cashiers	*	*	*	*	*	*	*	n/a	11
41-2021	Counter & Rental Clerks	240	282	42	17.5	4	9	13	7.65	11
41-2022	Parts Salespersons	165	149	-16	-9.7	0	5	5	13.41	10
41-2031	Retail Salespersons	2,783	3,123	340	12.2	34	101	135	8.87	11
41-3000	Sales Representatives, Services	363	428	65	17.9	7	7	14	n/a	n/a
41-3011	Advertising Sales Agents	44	42	-2	-4.5	0	1	1	n/a	10
41-3021	Insurance Sales Agents	122	141	19	15.6	2	3	5	17.41	5
41-3031	Securities, Commodities & Financial Serv. Sales	72	95	23	31.9	2	1	3	n/a	5
41-3041	Travel Agents	*	*	*	*	*	*	*	n/a	7
41-3099	Sales Representatives, Services, All Other	121	146	25	20.7	3	2	5	18.00	10
41-4000	Sales Reps., Wholesale & Manufacturing	626	691	65	10.4	7	16	23	n/a	n/a
41-4011	Sales Reps., Wholesale & Manuf., Tech. & Sci.	32	37	5	15.6	1	1	2	28.31	10
41-4012	Sales Reps., Whole. & Manuf., Ex. Tech. & Sci.	594	654	60	10.1	6	16	22	16.97	10
41-9000	Other Sales & Related Workers	377	400	23	6.1	3	7	10	n/a	n/a
41-9011	Demonstrators & Product Promoters	*	*	*	*	*	*	*	n/a	10
41-9012	Models	*	*	*	*	*	*	*	n/a	10
41-9021	Real Estate Brokers	*	*	*	*	*	*	*	n/a	8
41-9022	Real Estate Sales Agents	157	177	20	12.7	2	3	5	n/a	7
41-9031	Sales Engineers	*	*	*	*	*	*	*	n/a	5
41-9041	Telemarketers	106	103	-3	-2.8	0	2	2	10.29	11
41-9091	Door-To-Door Sales, News & Street Vendors	*	*	*	*	*	*	*	n/a	11
41-9099	Sales & Related Workers, All Other	56	61	5	8.9	1	1	2	n/a	10

* Employment under 30 and unreliable data suppressed

n/a - Not Available

~ Education/Training Required Codes- Page 76

Source: Kentucky Education Cabinet, Department for Workforce Investment, Office of Employment and Training, Research and Statistics Branch

Cumberland Valley Area

Occupational Employment Outlook

Office & Administrative Support Occs.

Occupational		Employment*		Change		Job Openings			Average	Educ/
		2004	2014	2004-2014		Average Annual 2004-2014			Wage	Training
Code	Title	Estimated	Projected	Number	Percent	Growth	Separations	Total	2005	Req'd~
43-0000 Office & Administrative Support Occupations		12,178	12,652	474	3.9	94	289	383	11.54	n/a
43-1000 Supervisors, Office & Admin. Support Workers		771	822	51	6.6	5	17	22	n/a	n/a
43-1011	Mgrs. of Office & Admin. Support Workers	771	822	51	6.6	5	17	22	17.40	8
43-2000 Communications Equipment Operators		67	56	-11	-16.4	0	2	2	n/a	n/a
43-2011	Switchboard Operators, Incl. Answering Service	67	56	-11	-16.4	0	2	2	9.04	11
43-2021	Telephone Operators	*	*	*	*	*	*	*	n/a	11
43-2099	Communications Equipment Operators, All Other	*	*	*	*	*	*	*	n/a	11
43-3000 Financial Clerks		2,220	2,406	186	8.4	19	54	73	n/a	n/a
43-3011	Bill & Account Collectors	311	391	80	25.7	8	6	14	11.92	11
43-3021	Billing & Posting Clerks & Machine Operators	517	536	19	3.7	2	9	11	12.46	10
43-3031	Bookkeeping, Accounting & Auditing Clerks	852	885	33	3.9	3	16	19	11.93	10
43-3051	Payroll & Timekeeping Clerks	145	172	27	18.6	3	4	7	12.85	10
43-3061	Procurement Clerks	*	*	*	*	*	*	*	n/a	11
43-3071	Tellers	376	405	29	7.7	3	19	22	10.45	11
43-4000 Information & Record Clerks		2,650	2,889	239	9.0	36	60	96	n/a	n/a
43-4011	Brokerage Clerks	*	*	*	*	*	*	*	n/a	10
43-4021	Correspondence Clerks	*	*	*	*	*	*	*	n/a	11
43-4031	Court, Municipal & License Clerks	*	*	*	*	*	*	*	n/a	11
43-4041	Credit Authorizers, Checkers & Clerks	*	*	*	*	*	*	*	n/a	11
43-4051	Customer Service Representatives	741	900	159	21.5	16	11	27	10.82	10
43-4061	Eligibility Interviewers, Government Programs	*	*	*	*	*	*	*	n/a	10
43-4071	File Clerks	140	94	-46	-32.9	0	4	4	9.03	11
43-4081	Hotel, Motel & Resort Desk Clerks	212	218	6	2.8	1	10	11	7.62	11
43-4111	Interviewers, Ex. Eligibility & Loan	160	188	28	17.5	3	4	7	10.80	11
43-4121	Library Assistants, Clerical	42	47	5	11.9	1	2	3	9.08	11
43-4131	Loan Interviewers & Clerks	98	97	-1	-1.0	0	1	1	7.04	11
43-4141	New Accounts Clerks	*	*	*	*	*	*	*	10.92	8
43-4151	Order Clerks	140	107	-33	-23.6	0	3	3	9.85	11
43-4161	H.R. Assistants, Ex. Payroll & Timekeeping	86	103	17	19.8	2	2	4	13.05	11
43-4171	Receptionists & Information Clerks	622	746	124	19.9	12	15	27	9.58	11
43-4181	Reservation & Transp. Ticket Agents & Clerks	*	*	*	*	*	*	*	n/a	11
43-4199	Information & Record Clerks, All Other	181	149	-32	-17.7	0	3	3	13.76	11

* Employment under 30 and unreliable data suppressed

n/a - Not Available

~ Education/Training Required Codes- Page 76

Source: Kentucky Education Cabinet, Department for Workforce Investment, Office of Employment and Training, Research and Statistics Branch

Cumberland Valley Area

Occupational Employment Outlook

Office & Administrative Support Occs. (cont'd)

Occupational		Employment*		Change		Job Openings			Average	Educ/
Code	Title	2004	2014	2004-2014		Average Annual 2004-2014			Wage	Training/
		Estimated	Projected	Number	Percent	Growth	Separations	Total	2005	Req'd~
43-5000	Material Recording, Dispatching & Distributing	2,296	2,195	-101	-4.4	9	68	77	n/a	n/a
43-5011	Cargo & Freight Agents	*	*	*	*	*	*	*	n/a	10
43-5021	Couriers & Messengers	99	96	-3	-3.0	0	2	2	12.08	11
43-5031	Police, Fire & Ambulance Dispatchers	178	215	37	20.8	4	4	8	9.30	10
43-5032	Dispatchers, Ex. Police, Fire & Ambulance	115	103	-12	-10.4	0	3	3	11.24	10
43-5041	Meter Readers, Utilities	56	31	-25	-44.6	0	2	2	n/a	11
43-5051	Postal Service Clerks	66	63	-3	-4.5	0	2	2	22.17	11
43-5052	Postal Service Mail Carriers	245	236	-9	-3.7	0	8	8	19.83	11
43-5053	Postal Service Mail Sorters & Processors	83	79	-4	-4.8	0	2	2	17.82	11
43-5061	Production, Planning & Expediting Clerks	92	109	17	18.5	2	2	4	16.29	11
43-5071	Shipping, Receiving & Traffic Clerks	364	398	34	9.3	3	8	11	12.80	11
43-5081	Stock Clerks & Order Fillers	955	822	-133	-13.9	0	35	35	9.76	11
43-5111	Weigher, Measurer, Checker, Sampler, Records.	40	40	0	0.0	0	1	1	11.63	11
43-6000	Secretaries & Administrative Assistants	1,977	2,008	31	1.6	11	38	49	n/a	n/a
43-6011	Executive Secretaries & Admin. Assistants	601	669	68	11.3	7	12	19	14.14	10
43-6012	Legal Secretaries	120	126	6	5.0	1	2	3	n/a	7
43-6013	Medical Secretaries	307	347	40	13.0	4	6	10	10.73	7
43-6014	Secretaries, Ex. Legal, Medical & Executive	949	866	-83	-8.7	0	18	18	10.56	10
43-9000	Other Office & Administrative Support Workers	2,197	2,276	79	3.6	14	51	65	n/a	n/a
43-9011	Computer Operators	*	*	*	*	*	*	*	n/a	10
43-9021	Data Entry Keyers	496	587	91	18.3	9	12	21	n/a	10
43-9022	Word Processors & Typists	94	91	-3	-3.2	0	2	2	n/a	10
43-9031	Desktop Publishers	*	*	*	*	*	*	*	n/a	7
43-9041	Insurance Claims & Policy Processing Clerks	*	*	*	*	*	*	*	n/a	10
43-9051	Mail Clerks & Mail Machine Ops., Ex. Postal	*	*	*	*	*	*	*	n/a	11
43-9061	Office Clerks, General	1,186	1,216	30	2.5	3	26	29	9.56	11
43-9071	Office Machine Operators, Ex. Computer	64	63	-1	-1.6	0	2	2	9.90	11
43-9081	Proofreaders & Copy Markers	*	*	*	*	*	*	*	n/a	11
43-9111	Statistical Assistants	*	*	*	*	*	*	*	n/a	10
43-9199	Office & Administrative Support Workers, Other	80	94	14	17.5	1	2	3	n/a	11

* Employment under 30 and unreliable data suppressed

n/a - Not Available

~ Education/Training Required Codes- Page 76

Source: Kentucky Education Cabinet, Department for Workforce Investment, Office of Employment and Training, Research and Statistics Branch

Cumberland Valley Area

Occupational Employment Outlook

Farming, Fishing & Forestry Occupations

Occupational		Employment*		Change		Job Openings			Average Wage 2005	Educ/ Training Req'd~
Code	Title	2004 Estimated	2014 Projected	2004-2014 Number	2004-2014 Percent	Average Annual Growth	2004-2014 Separations	2004-2014 Total		
45-0000 Farming, Fishing & Forestry Occupations		901	854	-47	-5.2	2	24	26	14.21	n/a
45-1000	Supervisors, Farming, Fishing & Forestry Work.	45	49	4	8.9	0	1	1	n/a	n/a
45-1011	Mgrs. of Farming, Fishing & Forestry Workers	45	49	4	8.9	0	1	1	n/a	8
45-1012	Farm Labor Contractors	*	*	*	*	*	*	*	n/a	8
45-2000	Agricultural Workers	727	660	-67	-9.2	0	20	20	n/a	n/a
45-2011	Agricultural Inspectors	*	*	*	*	*	*	*	n/a	8
45-2021	Animal Breeders	*	*	*	*	*	*	*	n/a	11
45-2041	Graders & Sorters, Agricultural Products	*	*	*	*	*	*	*	n/a	8
45-2091	Agricultural Equipment Operators	*	*	*	*	*	*	*	n/a	10
45-2092	Farmworkers & Laborers, Crop, Nursery	508	456	-52	-10.2	0	14	14	n/a	11
45-2093	Farmworkers, Farm & Ranch Animals	114	105	-9	-7.9	0	3	3	n/a	11
45-2099	Agricultural Workers, All Other	*	*	*	*	*	*	*	n/a	11
45-3000	Fishing & Hunting Workers	*	*	*	*	*	*	*	n/a	n/a
45-3011	Fishers & Related Fishing Workers	*	*	*	*	*	*	*	n/a	10
45-4000	Forest, Conservation & Logging Workers	129	145	16	12.4	2	2	4	n/a	10
45-4011	Forest & Conservation Workers	*	*	*	*	*	*	*	n/a	10
45-4021	Fallers	*	*	*	*	*	*	*	n/a	10
45-4022	Logging Equipment Operators	*	*	*	*	*	*	*	n/a	10
45-4023	Log Graders & Scalers	*	*	*	*	*	*	*	n/a	n/a
45-4029	Logging Workers, All Other	*	*	*	*	*	*	*	n/a	n/a

* Employment under 30 and unreliable data suppressed

n/a - Not Available

~ Education/Training Required Codes- Page 76

Source: Kentucky Education Cabinet, Department for Workforce Investment, Office of Employment and Training, Research and Statistics Branch

Cumberland Valley Area

Occupational Employment Outlook

Construction & Extraction Occupations

Occupational		Employment*		Change		Job Openings			Average	Educ/
		2004	2014	2004-2014		Average Annual 2004-2014			Wage	Training
Code	Title	Estimated	Projected	Number	Percent	Growth	Separations	Total	2005	Req'd~
47-0000 Construction & Extraction Occupations		4,442	5,237	795	17.9	80	92	172	14.99	8
47-1000	Supervisors, Construction & Extraction Workers	535	640	105	19.6	11	9	20	n/a	n/a
47-1011	Mgrs. of Constr. Trades & Extraction Workers	535	640	105	19.6	11	9	20	22.06	9
47-2000	Construction Trades Workers	2,853	3,356	503	17.6	50	57	107	n/a	n/a
47-2011	Boilermakers	*	*	*	*	*	*	*	n/a	9
47-2021	Brickmasons & Blockmasons	*	*	*	*	*	*	*	14.87	9
47-2022	Stonemasons	*	*	*	*	*	*	*	n/a	9
47-2031	Carpenters	426	515	89	20.9	9	7	16	12.19	10
47-2041	Carpet Installers	*	*	*	*	*	*	*	n/a	10
47-2042	Floor Layers, Ex. Carpet, Wood & Hard Tiles	*	*	*	*	*	*	*	n/a	10
47-2043	Floor Sanders & Finishers	*	*	*	*	*	*	*	n/a	9
47-2044	Tile & Marble Setters	*	*	*	*	*	*	*	n/a	10
47-2051	Cement Masons & Concrete Finishers	89	105	16	18.0	2	2	4	12.58	9
47-2053	Terrazzo Workers & Finishers	*	*	*	*	*	*	*	n/a	10
47-2061	Construction Laborers	468	490	22	4.7	2	6	8	11.67	10
47-2071	Paving, Surfacing & Tamping Equip. Operators	212	245	33	15.6	3	3	6	n/a	10
47-2072	Pile-Driver Operators	*	*	*	*	*	*	*	n/a	10
47-2073	Operating Engineers & Other Constr. Equip. Ops.	1,040	1,270	230	22.1	23	27	50	15.46	10
47-2081	Drywall & Ceiling Tile Installers	*	*	*	*	*	*	*	n/a	10
47-2082	Tapers	*	*	*	*	*	*	*	n/a	9
47-2111	Electricians	187	209	22	11.8	2	4	6	19.41	9
47-2121	Glaziers	*	*	*	*	*	*	*	n/a	10
47-2131	Insulation Workers, Floor, Ceiling & Wall	*	*	*	*	*	*	*	n/a	10
47-2132	Insulation Workers, Mechanical	*	*	*	*	*	*	*	n/a	10
47-2141	Painters, Construction & Maintenance	63	80	17	27.0	2	1	3	n/a	10
47-2142	Paperhangers	*	*	*	*	*	*	*	n/a	10
47-2151	Pipelayers	75	86	11	14.7	1	2	3	20.08	9
47-2152	Plumbers, Pipefitters & Steamfitters	76	93	17	22.4	2	2	4	10.82	9
47-2161	Plasterers & Stucco Masons	*	*	*	*	*	*	*	n/a	9
47-2171	Reinforcing Iron & Rebar Workers	*	*	*	*	*	*	*	n/a	10
47-2181	Roofers	*	*	*	*	*	*	*	n/a	9
47-2211	Sheet Metal Workers	*	*	*	*	*	*	*	n/a	10
47-2221	Structural Iron & Steel Workers	30	36	6	20.0	1	1	2	12.20	9

* Employment under 30 and unreliable data suppressed

n/a - Not Available

~ Education/Training Required Codes- Page 76

Source: Kentucky Education Cabinet, Department for Workforce Investment, Office of Employment and Training, Research and Statistics Branch

Cumberland Valley Area

Occupational Employment Outlook

Construction & Extraction Occs. (cont'd)

Occupational		Employment*		Change		Job Openings			Average	Educ/
Code	Title	2004	2014	2004-2014		Average Annual 2004-2014			Wage	Training
		Estimated	Projected	Number	Percent	Growth	Separations	Total	2005	Req'd~
47-3000	Helpers, Construction Trades	80	92	12	15.0	1	3	4	n/a	n/a
47-3011	Helpers--Brick, Block, Stone & Tile Setters	*	*	*	*	*	*	*	n/a	11
47-3012	Helpers--Carpenters	*	*	*	*	*	*	*	n/a	11
47-3013	Helpers--Electricians	*	*	*	*	*	*	*	n/a	11
47-3014	Helpers--Paint, Paperhanger, Plasterer & Stucco	*	*	*	*	*	*	*	n/a	11
47-3015	Helpers--Pipelayer & Fitter, Plumber, Steamfitter	*	*	*	*	*	*	*	n/a	11
47-3016	Helpers--Roofers	*	*	*	*	*	*	*	n/a	11
47-3019	Helpers, Construction Trades, All Other	*	*	*	*	*	*	*	n/a	11
47-4000	Other Construction & Related Workers	249	308	59	23.7	6	4	10	n/a	n/a
47-4011	Construction & Building Inspectors	*	*	*	*	*	*	*	24.33	8
47-4021	Elevator Installers & Repairers	*	*	*	*	*	*	*	n/a	9
47-4031	Fence Erectors	*	*	*	*	*	*	*	n/a	10
47-4041	Hazardous Materials Removal Workers	*	*	*	*	*	*	*	n/a	10
47-4051	Highway Maintenance Workers	201	255	54	26.9	5	3	8	n/a	10
47-4061	Rail-Track Laying & Maint. Equipment Operators	*	*	*	*	*	*	*	n/a	10
47-4071	Septic Tank Servicers & Sewer Pipe Cleaners	*	*	*	*	*	*	*	n/a	10
47-4099	Construction & Related Workers, All Other	*	*	*	*	*	*	*	n/a	10
47-5000	Extraction Workers	725	841	116	16.0	12	18	30	n/a	n/a
47-5011	Derrick Operators, Oil & Gas	*	*	*	*	*	*	*	n/a	10
47-5012	Rotary Drill Operators, Oil & Gas	*	*	*	*	*	*	*	n/a	10
47-5013	Service Unit Operators, Oil, Gas & Mining	*	*	*	*	*	*	*	n/a	10
47-5021	Earth Drillers, Ex. Oil & Gas	92	114	22	23.9	2	2	4	11.86	10
47-5031	Explosives Worker, Ordnance Handling & Blaster	*	*	*	*	*	*	*	n/a	10
47-5041	Continuous Mining Machine Operators	77	96	19	24.7	2	2	4	17.47	10
47-5042	Mine Cutting & Channeling Machine Operators	*	*	*	*	*	*	*	n/a	10
47-5049	Mining Machine Operators, All Other	*	*	*	*	*	*	*	n/a	10
47-5051	Rock Splitters, Quarry	*	*	*	*	*	*	*	n/a	10
47-5061	Roof Bolters, Mining	159	159	0	0.0	0	3	3	15.54	10
47-5071	Roustabouts, Oil & Gas	*	*	*	*	*	*	*	n/a	10
47-5081	Helpers--Extraction Workers	279	332	53	19.0	5	8	13	13.51	11
47-5099	Extraction Workers, All Other	32	38	6	18.8	1	1	2	n/a	10

* Employment under 30 and unreliable data suppressed

n/a - Not Available

~ Education/Training Required Codes- Page 76

Source: Kentucky Education Cabinet, Department for Workforce Investment, Office of Employment and Training, Research and Statistics Branch

Cumberland Valley Area

Occupational Employment Outlook

Installation, Maintenance & Repair Occs.

Occupational		Employment*		Change		Job Openings			Average Wage 2005	Educ/ Training Req'd~
Code	Title	2004 Estimated	2014 Projected	2004-2014 Number	Percent	Average Annual 2004-2014				
						Growth	Separations	Total		
49-0000	Installation, Maintenance & Repair Occupations	3,193	3,541	348	10.9	36	74	110	15.27	n/a
49-1000	Supervisors of Installation, Maint. & Repair	349	380	31	8.9	3	9	12	n/a	n/a
49-1011	Mgrs. of Mechanics, Installers & Repairers	349	380	31	8.9	3	9	12	19.84	8
49-2000	Electric. & Electron. Equip. Mechanics, Installer	199	226	27	13.6	3	4	7	n/a	n/a
49-2011	Computer, Auto. Teller & Office Machine Repairer	45	46	1	2.2	0	1	1	15.42	7
49-2021	Radio Mechanics	*	*	*	*	*	*	*	n/a	7
49-2022	Telecomm. Equip. Installers & Repairers	54	56	2	3.7	0	1	1	23.95	9
49-2091	Avionics Technicians	*	*	*	*	*	*	*	n/a	7
49-2092	Electric Motor, Power Tool & Related Repairers	*	*	*	*	*	*	*	n/a	7
49-2093	Electric. & Electron. Install & Repair, Transp.	*	*	*	*	*	*	*	n/a	7
49-2094	Electric. & Electron. Rep., Commercial & Industr.	*	*	*	*	*	*	*	n/a	7
49-2095	Electric. & Electron. Rep., Powerhouse, Substat.	*	*	*	*	*	*	*	n/a	7
49-2096	Electronic Equip. Install & Repair, Motor Vehicle	*	*	*	*	*	*	*	n/a	7
49-2097	Electronic Home Entertain. Equip. Install & Rep.	69	90	21	30.4	2	1	3	11.87	7
49-2098	Security & Fire Alarm Systems Installers	*	*	*	*	*	*	*	n/a	7
49-3000	Vehicle & Mobile Equip. Mechanics, Installers	1,028	1,152	124	12.1	12	27	39	n/a	n/a
49-3011	Aircraft Mechanics & Service Technicians	*	*	*	*	*	*	*	n/a	7
49-3021	Automotive Body & Related Repairers	63	71	8	12.7	1	1	2	n/a	9
49-3022	Automotive Glass Installers & Repairers	*	*	*	*	*	*	*	n/a	9
49-3023	Automotive Service Technicians & Mechanics	425	486	61	14.4	6	11	17	11.84	7
49-3031	Bus & Truck Mechanics & Diesel Engine Spec.	212	236	24	11.3	2	6	8	14.07	7
49-3041	Farm Equipment Mechanics	*	*	*	*	*	*	*	n/a	7
49-3042	Mobile Heavy Equip. Mechanics, Ex. Engines	173	194	21	12.1	2	4	6	16.30	7
49-3043	Rail Car Repairers	*	*	*	*	*	*	*	n/a	9
49-3051	Motorboat Mechanics	*	*	*	*	*	*	*	n/a	9
49-3052	Motorcycle Mechanics	*	*	*	*	*	*	*	n/a	9
49-3053	Outdoor Power Equip. & Small Engine Mechanic	*	*	*	*	*	*	*	n/a	10
49-3091	Bicycle Repairers	*	*	*	*	*	*	*	n/a	10
49-3092	Recreational Vehicle Service Technicians	*	*	*	*	*	*	*	n/a	9
49-3093	Tire Repairers & Changers	81	81	0	0.0	0	3	3	n/a	11

* Employment under 30 and unreliable data suppressed

n/a - Not Available

~ Education/Training Required Codes- Page 76

Source: Kentucky Education Cabinet, Department for Workforce Investment, Office of Employment and Training, Research and Statistics Branch

Cumberland Valley Area

Occupational Employment Outlook

Installation, Maintenance & Repair Occs. (cont'd)

Occupational		Employment*		Change		Job Openings			Average	Educ/
Code	Title	2004	2014	2004-2014		Average Annual 2004-2014			Wage	Training
		Estimated	Projected	Number	Percent	Growth	Separations	Total	2005	Req'd~
49-9000	Other Installation, Maintenance & Repair Occs.	1,617	1,783	166	10.3	18	34	52	n/a	n/a
49-9011	Mechanical Door Repairers	*	*	*	*	*	*	*	n/a	10
49-9012	Control & Valve Install & Repair, Ex. Mech. Door	36	36	0	0.0	0	1	1	n/a	10
49-9021	Heating, A.C. & Refrig. Mechanics & Installers	51	61	10	19.6	1	1	2	n/a	9
49-9031	Home Appliance Repairers	*	*	*	*	*	*	*	n/a	9
49-9041	Industrial Machinery Mechanics	211	225	14	6.6	1	4	5	16.49	9
49-9042	Maintenance & Repair Workers, General	891	995	104	11.7	10	17	27	13.61	10
49-9043	Maintenance Workers, Machinery	94	114	20	21.3	2	2	4	14.35	11
49-9044	Millwrights	*	*	*	*	*	*	*	n/a	9
49-9045	Refractory Materials Repairers, Ex. Brickmasons	*	*	*	*	*	*	*	n/a	10
49-9051	Electrical Power-Line Installers & Repairers	69	64	-5	-7.2	0	2	2	23.09	9
49-9052	Telecommunications Line Installers & Repairers	*	*	*	*	*	*	*	n/a	9
49-9061	Camera & Photographic Equipment Repairers	*	*	*	*	*	*	*	n/a	10
49-9062	Medical Equipment Repairers	*	*	*	*	*	*	*	n/a	6
49-9063	Musical Instrument Repairers & Tuners	*	*	*	*	*	*	*	n/a	9
49-9064	Watch Repairers	*	*	*	*	*	*	*	n/a	9
49-9069	Precision Instrument & Equip. Repairers, Other	*	*	*	*	*	*	*	n/a	10
49-9091	Coin, Vending & Amusement Mach. Serv. & Rep.	35	32	-3	-8.6	0	1	1	n/a	10
49-9092	Commercial Divers	*	*	*	*	*	*	*	n/a	10
49-9093	Fabric Menders, Ex. Garment	*	*	*	*	*	*	*	n/a	10
49-9094	Locksmiths & Safe Repairers	*	*	*	*	*	*	*	n/a	10
49-9095	Manufactured Building & Mobile Home Installers	*	*	*	*	*	*	*	n/a	10
49-9096	Riggers	*	*	*	*	*	*	*	n/a	11
49-9097	Signal & Track Switch Repairers	*	*	*	*	*	*	*	n/a	10
49-9098	Helpers--Installation, Maint. & Repair Workers	52	54	2	3.8	0	2	2	10.71	11
49-9099	Installation, Maint. & Repair Workers, All Other	88	94	6	6.8	1	2	3	16.35	10

* Employment under 30 and unreliable data suppressed n/a - Not Available ~ Education/Training Required Codes- Page 76

Source: Kentucky Education Cabinet, Department for Workforce Investment, Office of Employment and Training, Research and Statistics Branch

Cumberland Valley Area

Occupational Employment Outlook

Production Occupations

Occupational		Employment*		Change		Job Openings			Average	Educ/
Code	Title	2004	2014	2004-2014		Average Annual 2004-2014			Wage	Training
		Estimated	Projected	Number	Percent	Growth	Separations	Total	2005	Req'd~
51-0000 Production Occupations		7,585	7,931	346	4.6	70	181	251	11.63	n/a
51-1000	Supervisors, Production Workers	475	530	55	11.6	6	10	16	n/a	n/a
51-1011	Mgrs. of Production & Operating	475	530	55	11.6	6	10	16	18.96	8
51-2000	Assemblers & Fabricators	1,488	1,628	140	9.4	23	38	61	n/a	n/a
51-2011	Aircraft Structure, Surface, Rig & Sys. Assemb.	*	*	*	*	*	*	*	n/a	9
51-2021	Coil Winders, Tapers & Finishers	*	*	*	*	*	*	*	n/a	11
51-2022	Electrical & Electronic Equipment Assemblers	349	258	-91	-26.1	0	8	8	n/a	11
51-2023	Electromechanical Equipment Assemblers	*	*	*	*	*	*	*	n/a	11
51-2031	Engine & Other Machine Assemblers	*	*	*	*	*	*	*	n/a	11
51-2041	Structural Metal Fabricators & Fitters	*	*	*	*	*	*	*	n/a	10
51-2091	Fiberglass Laminators & Fabricators	*	*	*	*	*	*	*	n/a	10
51-2092	Team Assemblers	889	1,104	215	24.2	22	23	45	10.35	10
51-2093	Timing Device Assemblers, Adjust. & Calibrators	*	*	*	*	*	*	*	n/a	10
51-2099	Assemblers & Fabricators, All Other	*	*	*	*	*	*	*	9.07	10
51-3000	Food Processing Workers	418	456	38	9.1	4	10	14	n/a	n/a
51-3011	Bakers	33	36	3	9.1	0	1	1	n/a	9
51-3021	Butchers & Meat Cutters	75	69	-6	-8.0	0	2	2	10.12	9
51-3022	Meat, Poultry & Fish Cutters & Trimmers	*	*	*	*	*	*	*	n/a	11
51-3023	Slaughterers & Meat Packers	*	*	*	*	*	*	*	n/a	10
51-3091	Food & Tobacco Roast., Baking, Dry. Mach. Ops.	46	50	4	8.7	0	1	1	n/a	11
51-3092	Food Batchmakers	41	45	4	9.8	0	1	1	n/a	11
51-3093	Food Cooking Machine Operators & Tenders	*	*	*	*	*	*	*	n/a	11
51-4000	Metal Workers & Plastic Workers	1,340	1,452	112	8.4	13	34	47	n/a	n/a
51-4011	Computer-Controlled Machine Tool Operators	31	32	1	3.2	0	1	1	n/a	10
51-4012	Numerical Tool & Process Control Programmers	*	*	*	*	*	*	*	n/a	9
51-4021	Extruding & Drawing Machine SOT^	115	111	-4	-3.5	0	4	4	n/a	10
51-4022	Forging Machine SOT^, Metal & Plastic	33	35	2	6.1	0	1	1	n/a	10
51-4023	Rolling Machine SOT^, Metal & Plastic	*	*	*	*	*	*	*	n/a	10

* Employment under 30 and unreliable data suppressed

n/a - Not Available

~ Education/Training Required Codes- Page 76

^SOT - Setters, Operators & Tenders

Source: Kentucky Education Cabinet, Department for Workforce Investment, Office of Employment and Training, Research and Statistics Branch

Cumberland Valley Area

Occupational Employment Outlook

Production Occupations (cont'd)

Occupational		Employment*		Change		Job Openings			Average	Educ/
Code	Title	2004	2014	2004-2014		Average Annual 2004-2014			Wage	Training
		Estimated	Projected	Number	Percent	Growth	Separations	Total	2005	Req'd~
51-4031	Cutting, Punching & Press Machine SOT^	171	160	-11	-6.4	0	4	4	10.59	10
51-4032	Drilling & Boring Machine Tool SOT^	42	48	6	14.3	1	1	2	n/a	10
51-4033	Grind., Lapping, Polish. & Buff. Mach. Tool SOT^	63	67	4	6.3	0	1	1	n/a	10
51-4034	Lathe & Turning Machine Tool SOT^	41	43	2	4.9	0	1	1	n/a	10
51-4035	Milling & Planing Machine SOT^	*	*	*	*	*	*	*	n/a	10
51-4041	Machinists	147	171	24	16.3	2	3	5	14.58	9
51-4051	Metal-Refining Furnace Operators & Tenders	*	*	*	*	*	*	*	n/a	10
51-4052	Pourers & Casters, Metal	*	*	*	*	*	*	*	n/a	10
51-4061	Model Makers, Metal & Plastic	*	*	*	*	*	*	*	n/a	10
51-4062	Patternmakers, Metal & Plastic	*	*	*	*	*	*	*	n/a	10
51-4071	Foundry Mold & Coremakers	*	*	*	*	*	*	*	n/a	10
51-4072	Molding, Coremaking & Casting Machine SOT^	219	243	24	11.0	2	5	7	9.63	10
51-4081	Multiple Machine Tool SOT^, Metal & Plastic	51	63	12	23.5	1	1	2	n/a	10
51-4111	Tool & Die Makers	61	63	2	3.3	0	1	1	18.28	9
51-4121	Welders, Cutters, Solderers & Brazers	257	293	36	14.0	4	7	11	12.90	9
51-4122	Welding, Soldering & Brazing Machine SOT^	32	39	7	21.9	1	1	2	n/a	10
51-4191	Heat Treating Equipment SOT^, Metal & Plastic	*	*	*	*	*	*	*	n/a	10
51-4192	Lay-Out Workers, Metal & Plastic	*	*	*	*	*	*	*	n/a	10
51-4193	Plating & Coating Machine SOT^	*	*	*	*	*	*	*	n/a	10
51-4194	Tool Grinders, Filers & Sharpeners	*	*	*	*	*	*	*	n/a	10
51-4199	Metal Workers & Plastic Workers, All Other	*	*	*	*	*	*	*	n/a	10
51-5000	Printing Workers	92	89	-3	-3.3	0	2	2	n/a	n/a
51-5011	Bindery Workers	*	*	*	*	*	*	*	n/a	11
51-5012	Bookbinders	*	*	*	*	*	*	*	n/a	10
51-5021	Job Printers	*	*	*	*	*	*	*	n/a	9
51-5022	Prepress Technicians & Workers	*	*	*	*	*	*	*	n/a	7
51-5023	Printing Machine Operators	43	44	1	2.3	0	1	1	9.91	10

* Employment under 30 and unreliable data suppressed n/a - Not Available ~ Education/Training Required Codes- Page 76 ^SOT - Setters, Operators & Tenders

Source: Kentucky Education Cabinet, Department for Workforce Investment, Office of Employment and Training, Research and Statistics Branch

Cumberland Valley Area

Occupational Employment Outlook

Production Occupations (cont'd)

Occupational		Employment*		Change		Job Openings			Average	Educ/
		2004	2014	2004-2014		Average Annual 2004-2014			Wage	Training
Code	Title	Estimated	Projected	Number	Percent	Growth	Separations	Total	2005	Req'd~
51-6000	Textile, Apparel & Furnishings Workers	713	555	-158	-22.2	2	11	13	n/a	n/a
51-6011	Laundry & Dry-Cleaning Workers	133	151	18	13.5	2	4	6	8.83	10
51-6021	Pressers, Textile, Garment & Related Materials	44	44	0	0.0	0	1	1	8.57	11
51-6031	Sewing Machine Operators	483	316	-167	-34.6	0	6	6	8.26	10
51-6041	Shoe & Leather Workers & Repairers	*	*	*	*	*	*	*	n/a	9
51-6042	Shoe Machine Operators & Tenders	*	*	*	*	*	*	*	n/a	10
51-6051	Sewers, Hand	*	*	*	*	*	*	*	n/a	11
51-6052	Tailors, Dressmakers & Custom Sewers	*	*	*	*	*	*	*	n/a	9
51-6061	Textile Bleaching & Dyeing Mach. Ops. & Tends.	*	*	*	*	*	*	*	n/a	10
51-6062	Textile Cutting Machine SOT^	*	*	*	*	*	*	*	n/a	10
51-6063	Textile Knitting & Weaving Machine SOT^	*	*	*	*	*	*	*	n/a	9
51-6064	Textile Winding, Twist. & Draw. Out Mach. SOT^	*	*	*	*	*	*	*	n/a	10
51-6091	Extruding & Forming Machine SOT^	*	*	*	*	*	*	*	n/a	10
51-6092	Fabric & Apparel Patternmakers	*	*	*	*	*	*	*	n/a	9
51-6093	Upholsterers	*	*	*	*	*	*	*	n/a	9
51-6099	Textile, Apparel & Furnishings Workers, Other	*	*	*	*	*	*	*	n/a	11
51-7000	Woodworkers	390	399	9	2.3	2	10	12	n/a	n/a
51-7011	Cabinetmakers & Bench Carpenters	92	101	9	9.8	1	2	3	8.76	9
51-7021	Furniture Finishers	*	*	*	*	*	*	*	n/a	9
51-7031	Model Makers, Wood	*	*	*	*	*	*	*	n/a	9
51-7032	Patternmakers, Wood	*	*	*	*	*	*	*	n/a	9
51-7041	Sawing Machine SOT^, Wood	144	134	-10	-6.9	0	4	4	9.01	10
51-7042	Woodworking Machine SOT^	143	154	11	7.7	1	4	5	7.87	10
51-7099	Woodworkers, All Other	*	*	*	*	*	*	*	n/a	10

* Employment under 30 and unreliable data suppressed n/a - Not Available ~ Education/Training Required Codes- Page 76 ^SOT - Setters, Operators & Tenders

Source: Kentucky Education Cabinet, Department for Workforce Investment, Office of Employment and Training, Research and Statistics Branch

Cumberland Valley Area

Occupational Employment Outlook

Production Occupations (cont'd)

Occupational		Employment*		Change		Job Openings			Average	Educ/
		2004	2014	2004-2014		Average Annual 2004-2014			Wage	Training
Code	Title	Estimated	Projected	Number	Percent	Growth	Separations	Total	2005	Req'd~
51-8000	Plant & System Operators	181	189	8	4.4	2	6	8	n/a	n/a
51-8012	Power Distributors & Dispatchers	*	*	*	*	*	*	*	n/a	9
51-8013	Power Plant Operators	*	*	*	*	*	*	*	n/a	9
51-8021	Stationary Engineers & Boiler Operators	*	*	*	*	*	*	*	13.93	9
51-8031	Water & Liquid Waste Treat. Plant & Sys. Ops.	88	107	19	21.6	2	3	5	10.54	9
51-8091	Chemical Plant & System Operators	49	41	-8	-16.3	0	2	2	n/a	9
51-8092	Gas Plant Operators	*	*	*	*	*	*	*	n/a	9
51-8093	Petroleum Pump System Ops., Refinery Ops.	*	*	*	*	*	*	*	n/a	9
51-8099	Plant & System Operators, All Other	*	*	*	*	*	*	*	n/a	9
51-9000	Other Production Occupations	2,488	2,633	145	5.8	18	61	79	n/a	n/a
51-9011	Chemical Equipment Operators & Tenders	*	*	*	*	*	*	*	n/a	10
51-9012	Separate, Filter, Clarify, & Still Machine Ops.	*	*	*	*	*	*	*	n/a	10
51-9021	Crush, Grind & Polish Machine Setters & Ops.	*	*	*	*	*	*	*	13.52	10
51-9022	Grinding & Polishing Workers, Hand	*	*	*	*	*	*	*	n/a	10
51-9023	Mixing & Blending Machine SOT^	129	135	6	4.7	1	3	4	15.15	10
51-9031	Cutters & Trimmers, Hand	*	*	*	*	*	*	*	n/a	11
51-9032	Cutting & Slicing Machine SOT^	93	101	8	8.6	1	2	3	n/a	10
51-9041	Extruding, Form, Press & Compact Mach. Ops.	245	243	-2	-0.8	0	7	7	13.17	10
51-9051	Furnace, Kiln, Oven, Drier & Kettle Ops. & Tend.	33	32	-1	-3.0	0	1	1	n/a	10
51-9061	Inspector, Tester, Sorter, Sampler & Weigher	362	374	12	3.3	1	8	9	12.06	10
51-9071	Jewelers & Precious Stone & Metal Workers	*	*	*	*	*	*	*	n/a	7
51-9081	Dental Laboratory Technicians	*	*	*	*	*	*	*	n/a	9
51-9082	Medical Appliance Technicians	*	*	*	*	*	*	*	n/a	9
51-9083	Ophthalmic Laboratory Technicians	*	*	*	*	*	*	*	n/a	10
51-9111	Packaging & Filling Machine Ops. & Tenders	496	499	3	0.6	0	10	10	10.46	11
51-9121	Coating, Painting & Spraying Machine SOT^	58	62	4	6.9	0	2	2	11.93	10
51-9122	Painters, Transportation Equipment	*	*	*	*	*	*	*	n/a	9
51-9123	Painting, Coating & Decorating Workers	46	40	-6	-13.0	0	1	1	n/a	11
51-9131	Photographic Process Workers	*	*	*	*	*	*	*	n/a	10
51-9132	Photographic Processing Machine Operators	40	30	-10	-25.0	0	1	1	8.53	11

* Employment under 30 and unreliable data suppressed n/a - Not Available ~ Education/Training Required Codes- Page 76 ^SOT - Setters, Operators & Tenders

Source: Kentucky Education Cabinet, Department for Workforce Investment, Office of Employment and Training, Research and Statistics Branch

Cumberland Valley Area

Occupational Employment Outlook

Production Occupations (cont'd)

Occupational		Employment*		Change		Job Openings			Average Wage 2005	Educ/ Training Req'd~
Code	Title	2004 Estimated	2014 Projected	2004-2014 Number	2004-2014 Percent	Average Annual 2004-2014				
						Growth	Separations	Total		
51-9191	Cementing & Gluing Machine Ops. & Tenders	*	*	*	*	*	*	*	n/a	10
51-9192	Cleaning, Washing & Metal Pickling Equip. Ops.	53	58	5	9.4	1	2	3	n/a	10
51-9193	Cooling & Freezing Equipment Ops. & Tenders	*	*	*	*	*	*	*	n/a	10
51-9194	Etchers & Engravers	*	*	*	*	*	*	*	n/a	9
51-9195	Molders, Shapers & Casters, Ex. Metal & Plastic	43	32	-11	-25.6	0	1	1	n/a	10
51-9196	Paper Goods Machine SOT^	*	*	*	*	*	*	*	n/a	10
51-9197	Tire Builders	*	*	*	*	*	*	*	n/a	10
51-9198	Helpers--Production Workers	426	486	60	14.1	6	12	18	9.93	11
51-9199	Production Workers, All Other	184	209	25	13.6	3	4	7	12.53	10

* Employment under 30 and unreliable data suppressed n/a - Not Available ~ Education/Training Required Codes- Page 76 ^SOT - Setters, Operators & Tenders
Source: Kentucky Education Cabinet, Department for Workforce Investment, Office of Employment and Training, Research and Statistics Branch

Cumberland Valley Area

Occupational Employment Outlook

Transportation & Material Moving Occs.

Occupational		Employment*		Change		Job Openings			Average Wage 2005	Educ/ Training Req'd~
Code	Title	2004 Estimated	2014 Projected	2004-2014		Average Annual 2004-2014				
				Number	Percent	Growth	Separations	Total		
53-0000 Transportation & Material Moving Occupations		8,164	9,109	945	11.6	102	172	274	11.65	n/a
53-1000	Supervisors, Transp. & Material Moving Work.	268	292	24	9.0	2	6	8	n/a	n/a
53-1011	Aircraft Cargo Handling Supervisors	*	*	*	*	*	*	*	n/a	8
53-1021	Mgrs. of Helpers, Laborers & Mat. Movers, Hand	133	137	4	3.0	0	3	3	16.80	8
53-1031	Mgrs. of Transp., Material-Moving & Vehicle Ops.	133	152	19	14.3	2	3	5	23.34	8
53-2000	Air Transportation Workers	*	*	*	*	*	*	*	n/a	n/a
53-2011	Airline Pilots, Copilots & Flight Engineers	*	*	*	*	*	*	*	n/a	5
53-2012	Commercial Pilots	*	*	*	*	*	*	*	n/a	7
53-2021	Air Traffic Controllers	*	*	*	*	*	*	*	n/a	9
53-2022	Airfield Operations Spec.	*	*	*	*	*	*	*	n/a	9
53-3000	Motor Vehicle Operators	3,811	4,365	554	14.5	55	59	114	n/a	n/a
53-3011	Ambulance Drivers & Attendants, Ex. EMTs	*	*	*	*	*	*	*	n/a	10
53-3021	Bus Drivers, Transit & Intercity	*	*	*	*	*	*	*	8.77	10
53-3022	Bus Drivers, School	619	684	65	10.5	7	14	21	11.44	11
53-3031	Driver/Sales Workers	372	423	51	13.7	5	6	11	13.57	11
53-3032	Truck Drivers, Heavy & Tractor-Trailer	1,720	1,918	198	11.5	20	28	48	14.94	10
53-3033	Truck Drivers, Light or Delivery Services	680	814	134	19.7	13	6	19	10.36	11
53-3041	Taxi Drivers & Chauffeurs	277	350	73	26.4	7	3	10	n/a	11
53-3099	Motor Vehicle Operators, All Other	119	143	24	20.2	2	2	4	n/a	11
53-4000	Rail Transportation Workers	*	*	*	*	*	*	*	n/a	n/a
53-4011	Locomotive Engineers	*	*	*	*	*	*	*	n/a	10
53-4012	Locomotive Firers	*	*	*	*	*	*	*	n/a	10
53-4013	Rail Yard Engineers, Dinkey Ops. & Hostlers	*	*	*	*	*	*	*	n/a	10
53-4021	Railroad Brake, Signal & Switch Operators	*	*	*	*	*	*	*	n/a	10
53-4031	Railroad Conductors & Yardmasters	*	*	*	*	*	*	*	n/a	10
53-4099	Rail Transportation Workers, All Other	*	*	*	*	*	*	*	n/a	10
53-5000	Water Transportation Workers	*	*	*	*	*	*	*	n/a	n/a
53-5011	Sailors & Marine Oilers	*	*	*	*	*	*	*	n/a	11
53-5021	Captains, Mates & Pilots of Water Vessels	*	*	*	*	*	*	*	n/a	8
53-5022	Motorboat Operators	*	*	*	*	*	*	*	n/a	10
53-5031	Ship Engineers	*	*	*	*	*	*	*	n/a	7

* Employment under 30 and unreliable data suppressed

n/a - Not Available

~ Education/Training Required Codes- Page 76

Source: Kentucky Education Cabinet, Department for Workforce Investment, Office of Employment and Training, Research and Statistics Branch

Cumberland Valley Area

Occupational Employment Outlook

Transportation & Material Moving Occs. (cont'd)

Occupational		Employment*		Change		Job Openings			Average	Educ/
		2004	2014	2004-2014		Average Annual 2004-2014			Wage	Training
Code	Title	Estimated	Projected	Number	Percent	Growth	Separations	Total	2005	Req'd~
53-6000	Other Transportation Workers	50	50	0	0.0	0	2	2	n/a	n/a
53-6011	Bridge & Lock Tenders	*	*	*	*	*	*	*	n/a	11
53-6021	Parking Lot Attendants	*	*	*	*	*	*	*	n/a	11
53-6031	Service Station Attendants	42	43	1	2.4	0	2	2	n/a	11
53-6041	Traffic Technicians	*	*	*	*	*	*	*	n/a	11
53-6051	Transportation Inspectors	*	*	*	*	*	*	*	n/a	8
53-6099	Transportation Workers, All Other	*	*	*	*	*	*	*	n/a	11
53-7000	Material Moving Workers	3,947	4,331	384	9.7	44	103	147	n/a	n/a
53-7011	Conveyor Operators & Tenders	48	61	13	27.1	1	1	2	13.66	11
53-7021	Crane & Tower Operators	*	*	*	*	*	*	*	10.15	9
53-7031	Dredge Operators	*	*	*	*	*	*	*	n/a	10
53-7032	Excavating & Loading Machine & Dragline Ops.	199	261	62	31.2	6	6	12	13.78	10
53-7033	Loading Machine Ops., Underground Mining	34	45	11	32.4	1	1	2	15.00	10
53-7041	Hoist & Winch Operators	*	*	*	*	*	*	*	n/a	10
53-7051	Industrial Truck & Tractor Operators	784	924	140	17.9	14	15	29	12.00	11
53-7061	Cleaners of Vehicles & Equipment	105	111	6	5.7	1	4	5	7.72	11
53-7062	Laborer & Freight, Stock & Material Mover, Hand	1,410	1,537	127	9.0	13	46	59	9.13	11
53-7063	Machine Feeders & Offbearers	414	376	-38	-9.2	0	11	11	n/a	11
53-7064	Packers & Packagers, Hand	756	826	70	9.3	7	14	21	7.66	11
53-7071	Gas Compressor & Gas Pumping Station Ops.	*	*	*	*	*	*	*	n/a	10
53-7072	Pump Operators, Ex. Wellhead Pumpers	*	*	*	*	*	*	*	n/a	10
53-7073	Wellhead Pumpers	*	*	*	*	*	*	*	n/a	10
53-7081	Refuse & Recyclable Material Collectors	78	81	3	3.8	0	2	2	9.91	11
53-7111	Shuttle Car Operators	73	56	-17	-23.3	0	2	2	15.31	11
53-7121	Tank Car, Truck & Ship Loaders	*	*	*	*	*	*	*	n/a	10
53-7199	Material Moving Workers, All Other	*	*	*	*	*	*	*	n/a	10

* Employment under 30 and unreliable data suppressed n/a - Not Available ~ Education/Training Required Codes- Page 76

Source: Kentucky Education Cabinet, Department for Workforce Investment, Office of Employment and Training, Research and Statistics Branch

Educational/Training Classifications

Occupations are classified into 11 categories and listed according to these principles:

An occupation is placed into the category that best describes the education or training needed by most workers to become fully qualified.

Postsecondary awards, if generally needed for entry into the occupation, take precedence over work-related training even though additional skills or experience may be needed for a worker to become fully qualified.

The length of time an average worker generally needs to become fully qualified through a combination of on-the-job training and experience is used to categorize occupations in which a postsecondary award generally is needed for entry.

Postsecondary awards

(1) *First professional degree.* Completion of the degree usually requires at least three years of full-time academic study beyond a bachelor's degree.

(2) *Doctoral degree.* Completion of a Ph.D. or other doctoral degree usually requires at least three years of full-time academic study beyond a bachelor's degree.

(3) *Master's degree.* Completion of the degree usually requires one or two years of full time academic study beyond a bachelor's degree.

(4) *Bachelor's or higher degree, plus work experience.* Most occupations in this category are management occupations. All require experience in a related non-management position for which a bachelor's or higher degree is usually required.

(5) *Bachelor's degree.* Completion of the degree generally requires at least four years, but not more than five years, of full-time academic study.

(6) *Associate's degree.* Completion of the degree usually requires at least two years of full-time academic study.

(7) *Postsecondary vocational awards.* Some programs last only a few weeks while others may last more than a year. Programs lead to a certificate or other award, but not a degree.

Work-related training

(8) *Work experience in a related occupation.* Many occupations requiring work experience are managers of service, sales and related, production, or other occupations, or are management occupations.

(9) *Long-term, on-the-job training.* More than 12 months of on-the-job training or combined work experience and formal classroom instruction are needed for workers to develop the skills necessary to be fully qualified. This category includes formal and informal apprenticeships that may last up to five years. Long-term on-the-job training also includes intensive occupation-specific, employer-sponsored programs that workers must successfully complete. These include fire and police academies and schools for air traffic controllers and flight attendants. In other occupations - insurance sales and securities sales, for example - trainees take formal courses, often provided on the job site, to prepare for the required licensing exams. Individuals undergoing training generally are considered to be employed in the occupation. Also included in this category is the development of a natural ability - such as that possessed by musicians, athletes, actors, and other entertainers - that must be cultivated over several years, frequently in a nonwork setting.

(10) *Moderate-term, on-the-job training.* Skills needed to be fully qualified can be acquired during one to twelve months of combined on-the-job experience and informal training.

(11) *Short-term, on-the-job training.* Skills needed to be fully qualified can be acquired during a short demonstration of job duties or during one month or less of on-the-job experience or instruction.

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Actors	24
Actuaries	14
Administrative Law Judges, Adjudicators, & Hearing Officers	20
Administrative Services Managers	11
Adult Literacy, Remedial Education, & GED Teachers & Instructors	23
Advertising & Promotions Managers	11
Advertising Sales Agents	34
Advertising, Marketing, Promotions, Public Relations, & Sales Managers	11
Aerospace Engineering & Operations Technicians	16
Aerospace Engineers	15
Agents & Business Managers of Artists, Performers, & Athletes	13
Agricultural & Food Science Technicians	18
Agricultural Engineers	15
Agricultural Equipment Operators	37
Agricultural Inspectors	37
Agricultural Sciences Teachers, Postsecondary	21
Agricultural Workers	37
Agricultural Workers, All Other	37
Air Traffic Controllers	47
Air Transportation Workers	47
Aircraft Cargo Handling Supervisors	47
Aircraft Mechanics & Service Technicians	40
Aircraft Structure, Surfaces, Rigging, & Systems Assemblers	42
Airfield Operations Specialists	47
Airline Pilots, Copilots, & Flight Engineers	47
Ambulance Drivers & Attendants, Except Emergency Medical Technicians	47
Amusement & Recreation Attendants	32
Anesthesiologists	26
Animal Breeders	37
Animal Care & Service Workers	32
Animal Control Workers	29
Animal Scientists	17
Animal Trainers	32
Anthropologists & Archeologists	18
Anthropology & Archeology Teachers, Postsecondary	21
Appraisers & Assessors of Real Estate	13
Arbitrators, Mediators, & Conciliators	20
Architects, Except Landscape & Naval	15
Architects, Surveyors, & Cartographers	15
Architectural & Civil Drafters	16
Architecture & Engineering Occupations	15
Architecture Teachers, Postsecondary	21
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Area, Ethnic, & Cultural Studies Teachers, Postsecondary	21
Art & Design Workers	24
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Artists & Related Workers, All Other	24
Arts, Design, Entertainment, Sports, & Media Occupations	24

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Assemblers & Fabricators, All Other	42
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Athletes & Sports Competitors	24
Athletic Trainers	27
Atmospheric & Space Scientists	17
Atmospheric, Earth, Marine, & Space Sciences Teachers, Postsecondary	21
Audio & Video Equipment Technicians	25
Audiologists	26
Audio-Visual Collections Specialists	23
Automotive Body & Related Repairers	40
Automotive Glass Installers & Repairers	40
Automotive Service Technicians & Mechanics	40
Avionics Technicians	40
B	
Bailiffs	29
Bakers	42
Barbers	32
Bartenders	30
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Billing & Posting Clerks & Machine Operators	35
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Biochemists & Biophysicists	17
Biological Science Teachers, Postsecondary	21
Biological Scientists, All Other	17
Biological Technicians	18
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Bookkeeping, Accounting, & Auditing Clerks	35
Brickmasons & Blockmasons	38
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Broadcast Technicians	25
Brokerage Clerks	35
Budget Analysts	13
Building & Grounds Cleaning & Maintenance Occupations	31
Building Cleaning & Pest Control Workers	31
Building Cleaning Workers, All Other	31
Bus & Truck Mechanics & Diesel Engine Specialists	40
Bus Drivers, School	47
Bus Drivers, Transit & Intercity	47
Business & Financial Operations Occupations	13
Business Operations Specialists	13
Business Operations Specialists, All Other	13
Business Teachers, Postsecondary	21
Butchers & Meat Cutters	42

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Cabinetmakers & Bench Carpenters	44
Camera & Photographic Equipment Repairers	41
Camera Operators, Television, Video, & Motion Picture	25
Captains, Mates, & Pilots of Water Vessels	47
Cardiovascular Technologists & Technicians	27
Cargo & Freight Agents	36
Carpenters	38
Carpet Installers	38
Cartographers & Photogrammetrists	15
Cashiers	34
Cement Masons & Concrete Finishers	38
Cementing & Gluing Machine Operators & Tenders	46
Chefs & Head Cooks	30
Chemical Engineers	15
Chemical Equipment Operators & Tenders	45
Chemical Plant & System Operators	45
Chemical Technicians	18
Chemistry Teachers, Postsecondary	21
Chemists	17
Chief Executives	11
Child Care Workers	33
Child, Family, & School Social Workers	19
Chiropractors	26
Choreographers	24
Civil Engineering Technicians	16
Civil Engineers	15
Claims Adjusters, Examiners, & Investigators	13
Cleaners of Vehicles & Equipment	48
Cleaning, Washing, & Metal Pickling Equipment Operators & Tenders	46
Clergy	19
Clinical, Counseling, & School Psychologists	18
Coaches & Scouts	24
Coating, Painting, & Spraying Machine Setters, Operators, & Tenders	45
Coil Winders, Tapers, & Finishers	42
Coin, Vending, & Amusement Machine Servicers & Repairers	41
Combined Food Preparation & Serving Workers, Including Fast Food	30
Commercial & Industrial Designers	24
Commercial Divers	41
Commercial Pilots	47
Communications Equipment Operators	35
Communications Equipment Operators, All Other	35
Communications Teachers, Postsecondary	22
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Computer Software Engineers, Systems Software	14
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Computer Specialists, All Other	14
Computer Support Specialists	14
Computer Systems Analysts	40
Computer, Automated Teller, & Office Machine Repairers	42
Computer-Controlled Machine Tool Operators, Metal & Plastic	32
Concierges	17
Conservation Scientists	39
Construction & Building Inspectors	38
Construction & Extraction Occupations	39
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Construction Managers	38
Construction Trades Workers	39
Continuous Mining Machine Operators	41
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Cooks, Fast Food	30
Cooks, Institution & Cafeteria	30
Cooks, Private Household	30
Cooks, Restaurant	30
Cooks, Short Order	46
Cooling & Freezing Equipment Operators & Tenders	29
Correctional Officers & Jailers	35
Correspondence Clerks	13
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Costume Attendants	19
Counselors, All Other	19
Counselors, Social Workers, & Other Community & Social Service Specialists	34
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Court, Municipal, & License Clerks	24
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Crane & Tower Operators	13
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Credit Authorizers, Checkers, & Clerks	22
Criminal Justice & Law Enforcement Teachers, Postsecondary	
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Cutting & Slicing Machine Setters, Operators, & Tenders	45
Cutting, Punching, & Press Machine Setters, Operators, & Tenders, Metal & Plastic	43
D	
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Data Entry Keyers	36
Database Administrators	14
Demonstrators & Product Promoters	34
Dental Assistants	28
Dental Hygienists	27
Dental Laboratory Technicians	45
Dentists, General	26
Derrick Operators, Oil & Gas	39
Designers, All Other	24
Desktop Publishers	36
Detectives & Criminal Investigators	29
Diagnostic Medical Sonographers	27
Dietetic Technicians	27
Dietitians & Nutritionists	26
Dining Room & Cafeteria Attendants & Bartender Helpers	30
Directors, Religious Activities & Education	19
Dishwashers	30
Dispatchers, Except Police, Fire, & Ambulance	36
Door-To-Door Sales Workers, News & Street Vendors, & Related Workers	34
Drafters, All Other	16
Drafters, Engineering, & Mapping Technicians	16
Dredge Operators	48
Drilling & Boring Machine Tool Setters, Operators, & Tenders	43
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Drywall & Ceiling Tile Installers	38
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Earth Drillers, Except Oil & Gas	39
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Economists	18
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Education Administrators, Postsecondary	12
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Electric Motor, Power Tool, & Related Repairers	40
Electrical & Electronic Engineering Technicians	16
Electrical & Electronic Equipment Assemblers	42
Electrical & Electronic Equipment Mechanics, Installers, & Repairers	40
Electrical & Electronics Drafters	16
Electrical & Electronics Installers & Repairers, Transportation Equipment	40
Electrical & Electronics Repairers, Commercial & Industrial Equipment	40
Electrical & Electronics Repairers, Powerhouse, Substation	40
Electrical Engineers	15
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Electro-Mechanical Technicians	16
Electronic Equipment Installers & Repairers, Motor Vehicle	40
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Elementary School Teachers, Except Special Education	22
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Emergency Medical Technicians & Paramedics	27
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Engineering Teachers, Postsecondary	21
Engineering Technicians, Except Drafters, All Other	16
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Environmental Engineers	15
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Environmental Scientists & Specialists, Including Health	17
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Fabric & Apparel Patternmakers	44
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Fallers	37
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Farm Equipment Mechanics	40
Farm Labor Contractors	37
Farm, Ranch, & Other Agricultural Managers	12
Farmers & Ranchers	12
Farming, Fishing, & Forestry Occupations	37
Farmworkers & Laborers, Crop, Nursery, & Greenhouse	37
Farmworkers, Farm & Ranch Animals	37
Fashion Designers	24
Fence Erectors	39
Fiberglass Laminators & Fabricators	42
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Film & Video Editors	25
Financial Analysts	13
Financial Clerks	35
Financial Examiners	13
Financial Managers	11
Financial Specialists	13
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Fire Fighters	29
Fire Fighting & Prevention Workers	29
Fire Inspectors & Investigators	29
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First-Line Supervisors/Managers of Correctional Officers	29
First-Line Supervisors/Managers of Farming, Fishing, & Forestry Workers	37
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First-Line Supervisors/Managers of Food Preparation & Serving Workers	30
First-Line Supervisors/Managers of Helpers, Laborers, & Material Movers, Hand	47
First-Line Supervisors/Managers of Housekeeping & Janitorial Workers	31
First-Line Supervisors/Managers of Landscaping, Lawn Service, & Groundskeeping Workers	31
First-Line Supervisors/Managers of Mechanics, Installers, & Repairers	40
First-Line Supervisors/Managers of Non-Retail Sales Workers	34
First-Line Supervisors/Managers of Office & Administrative Support Workers	35
First-Line Supervisors/Managers of Personal Service Workers	32
First-Line Supervisors/Managers of Police & Detectives	29
First-Line Supervisors/Managers of Production & Operating	42
First-Line Supervisors/Managers of Retail Sales Workers	34
First-Line Supervisors/Managers of Transportation & Material Moving Occupations	47
First-Line Supervisors/Managers, Protective Service Workers	29
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Floor Sanders & Finishers	38
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Food & Beverage Serving Workers	30
Food & Tobacco Roasting, Baking, & Drying Machine Operators & Tenders	42
Food Batchmakers	42
Food Cooking Machine Operators & Tenders	42
Food Preparation & Serving Related Occupations	30
Food Preparation & Serving Related Workers, All Other	30
Food Preparation Workers	30
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Food Scientists & Technologists	17
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Food Service Managers	12
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Forensic Science Technicians	18
Forest & Conservation Technicians	18
Forest & Conservation Workers	37
Forest Fire Inspectors & Prevention Specialists	29
Forest, Conservation, & Logging Workers	37
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Gaming & Sports Book Writers & Runners	32
Gaming Change Persons & Booth Cashiers	34
Gaming Supervisors	32
Gaming Surveillance Officers & Gaming Investigators	29
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Gas Plant Operators	45
General & Operations Managers	11
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Geography Teachers, Postsecondary	21
Geological & Petroleum Technicians	18
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Grounds Maintenance Workers, All Other	31
H	
Hairdressers, Hairstylists, & Cosmetologists	32
Hazardous Materials Removal Workers	39
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